TAPR Hot Technologies Related to APRS Special Interest Group Archive, December 1998 through December 1999

December 1998 through December 1999

TAPR's forum for new APRS-related hardware and technology, particularly APRS-ready radios such as the Kenwood TH-D7 and TM-D700, along with GPS interfaces, cables, firmware, packet operation, satellites, mobile installations, troubleshooting, and operating techniques.

This volume contains 13 original monthly files and 2,688 messages, arranged chronologically. The PDF is a readable access copy: MIME transfer encodings are decoded, HTML bodies are converted to plain text, and non-text attachments are represented by descriptive notes. The raw source text is supplied separately with the Internet Archive item.

Month	Messages	Original source file
1998-12	47	htaprs.9812
1999-01	310	htaprs.9901
1999-02	224	htaprs.9902
1999-03	152	htaprs.9903
1999-04	175	htaprs.9904
1999-05	226	htaprs.9905
1999-06	394	htaprs.9906
1999-07	233	htaprs.9907
1999-08	305	htaprs.9908
1999-09	173	htaprs.9909
1999-10	215	htaprs.9910
1999-11	78	htaprs.9911
1999-12	156	htaprs.9912

December 1998

Original source file: htaprs.9812
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9812

1. The list is now working

```
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 30 Dec 1998 16:06:55 -0600
To: htaprs
Message-ID: <v04020a0db2b054526c53@[207.43.172.66]>
Rendered body type: text/plain
```

Sorry about the malfunction on the new HTAPRS list. I forgot to setup a
mail alias on TAPR.ORG

All set now.

Cheers - Greg

Greg Jones, WD5IVD   Austin, Texas
wd5ivd@tapr.org   http://www.tapr.org/~wd5ivd

---

2. The TH-D7A hangout

```
From: Kevin Kelly <kkelly@radix.net>
Date: Wed, 30 Dec 1998 17:15:22 -0500
To: htaprs@tapr.org
Message-ID: <368AA5FA.D0B50ECD@radix.net>
Rendered body type: text/plain
```

Greetings SIG,

Looking forward to the discussions about the TH-D7A. Thanks TAPR
--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab/index.htm

---

3. Is it Full Duplex ???

```
From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Wed, 30 Dec 1998 16:27:58 -0600
To: htaprs@tapr.org
Message-ID: <199812302227.QAA17160@r2d2.krell.com>
Rendered body type: text/plain
```

Looking at possiblity of buying one but was wondering if it would do full
duplex like the TH-79 ... Receive on 435MHz while transmitting on 144 MHz
for use on AO-27 as well as other packet and aprs activites.

Thanks
Larry

```
-----------------------------------------------------
 Larry P. Thomas    wa0gwa  voice : 1 913 888-0282
 Krell Technologies           fax : 1 913 782-9359
 8960 Bond                  pager : 1 816 989-HELP
 Overland Park, KS              www.krell.com
 66214-1722    USA            lpthomas@krell.com
```

---

4. TH-D7A Speed

```
From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 30 Dec 1998 16:28:12 -0600
To: <htaprs@tapr.org>
Message-ID: <008401be3443$b297d260$010000a9@compaq>
Rendered body type: text/plain
```

-----Original Message-----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org <aprssig@tapr.org>
Date: Wednesday, December 30, 1998 11:09 AM
Subject: [APRSSIG:32018] Re: WinAPRS 2.2.1 > TH-D7A

>All APRS on-air formats are in KNOTS. APRSdos (and maybe WinAPRS) display
>in Knots most of the time. Its a local display issue...
> 69 Knots is about 79 MPH. He was speeding...
>
>bob

No, I wasn't. Look for N0RMO-15 right now via aprsserve. Or even map.aprs.net/n0rmo-15. What speed do you show? The map.aprs.net server, and aprsserve, will show me at 65 mph. That is the speed the GPSIII simulator mode is set to right now in the garage with WinAPRS 2.2.1 doing the transmitting.

WinAPRS 2.2.2 here inside shows 65. The Station Display Options setting for speed is at MPH (only setting available). map.aprs.net shows 65 mph. But the TH-D7A shows

1:N0RMO-15
cse180 spd075m

I don't mind everyone not believing me, it's a free country. I just want someone to agree with me that there is a disparity about how WinAPRS and the TH-D7A interpret speed so someone can make moves toward fixing it so they agree.

Check out N0RMO-15 on your favorite APRS flavor and send me speed reports. Thank you.

Jim N0RMO
Omaha NE
and REGULAR WinAPRS Registered *mobile* user (2000 miles last week)

5. Howdy...

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Wed, 30 Dec 1998 17:32:48 -0500
To: <htaprs@tapr.org>
Message-ID: <LNBBKAMBFIHGMGDJOPDKGEEMCPAA.pk@ij.net>
Rendered body type: text/plain

Well I just plugged into the new SIG. Thanks to TAPR sponsoring another SIG for us APRSers.

I got my D7 last week and am having alot of fun with it.

I plan to get a GPS specifically for the D7 for portable and special use.
The GPS35/36 that has been talked about looks like an interesting candidate.

I have a GPS-30 that is hooked to my Pico/DR-140 tracker in my car and it has worked pretty well almost a year now but removing it for special use is a royal pain. (I need to do a N4NEQ and get a box and wire it up like Ralph has.)

73,
Paul

Paul E. Knupke, Jr.   Amateur Radio: KR4YL
pk@ij.net   Largo, FL

Proud Member of the Florida Contest Group!

6. GPS Wedge for TH-D7A

From: "Don Boekenkruger" <donb@direct.ca>
Date: Wed, 30 Dec 1998 14:41:14 -0800
To: <htaprs@tapr.org>
Message-ID: <001b01be3445$823742c0$948b42d8@donboeke>
Rendered body type: text/plain

So Kenwood...

Where's the GPS wedge that goes between the radio and battery pack? It only makes perfect sense that you'd make one... It would have a little 1" long or so peice of wire with a 3 conductor 90 degreee connector on it to go right into the radio, it would be powered from the battery pack and pass the voltage through to the radio, it would have a little antenna (not a patch) like on a handheld gps that would nicely fill up the gap above the radio, yadda yadda yadda...? Come on Kenwood... you must have thought of it...
Got picture? Got milk? Am I dreaming?

Whaddaya think guys?

Don.

7. Re: [APRSSIG:32011] Re: TH-D7A 2.5 mm 3-conductor plug

From: rwf <rwf@BSRG.org>
Date: Wed, 30 Dec 1998 18:13:54 -0500
To: Bob Bruninga <bruninga@nadn.navy.mil>
Cc: htaprs@tapr.org
Message-ID: <199812302314.SAA22781@cocacola-bh.cokecce.com>
Rendered body type: text/plain

You must not have tried to solder to it then.

For an example, cut a telephone line cord in half, strip the wires, and
check out the "wire". It is simply piece of string with a few
unsolderable strands of copper around it.

This is one reason why it is important on a Pico-Packet to use the factory
silver-satin cable to connect it to your radio. Paccomm got some with real
wires in it as opposed to those little hairs.

Hopefully someone can describe the Mouser cable and it will have real wires.

At 05:56 PM 12/30/98 -0500, you wrote:

>I was very impressed with the thin, braided 2.5mm connector that Kenwood
>provided.

8. Re: [APRSSIG:32011] Re: TH-D7A 2.5 mm 3-conductor plug

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 30 Dec 1998 18:27:59 -0500 (EST)
To: rwf <rwf@BSRG.org>
Cc: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9812301826360.18025-100000@arctic>
Rendered body type: text/plain

Ralph may be right. The one I got from kenwood has normal stranded wires,
but with a flexible wire shield. M aybe the one they are shipping is
different...

On Wed, 30 Dec 1998, rwf wrote:

> You must not have tried to solder to it then.
>
> For an example, cut a telephone line cord in half, strip the wires, and
> check out the "wire". It is simply piece of string with a few
> unsolderable strands of copper around it.
>
> This is one reason why it is important on a Pico-Packet to use the factory
> silver-satin cable to connect it to your radio. Paccomm got some with real
> wires in it as opposed to those little hairs.
>
> Hopefully someone can describe the Mouser cable and it will have real wires.
>
>
> At 05:56 PM 12/30/98 -0500, you wrote:
>
> >I was very impressed with the thin, braided 2.5mm connector that Kenwood
> >provided.
>
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

9. Re: [HTAPRS:7] Re: [APRSSIG:32011] Re: TH-D7A 2.5 mm 3-conductor plug

From: Kevin Kelly <kkelly@radix.net>
Date: Wed, 30 Dec 1998 18:36:50 -0500
To: htaprs@tapr.org
Message-ID: <368AB912.6195B979@radix.net>
Rendered body type: text/plain

I have had a heck of a time trying to solder the wires of the Kenwood
cable. I still think I have a cold solder joint. I ordered 10 right
angle 2.5 mm plugs with wire from Mouser today so I can do it right.

rwf wrote:
>
> You must not have tried to solder to it then.
>

--
73,

Kevin Kelly/N6QAB
http://www.qsl.net/n6qab/index.htm

10. D7 Web page

From: dave vanhorn <dvanhorn@cedar.net>
Date: Wed, 30 Dec 1998 19:00:22 -0500
To: htaprs@tapr.org
Message-ID: <4.1.19981230185743.00b0ace0@192.168.0.1>
Rendered body type: text/plain

http://www.cedar.net/users/dvanhorn/kenwood.html

I've put together everything I could from APRS sig discussions, the manual,
plus my own observations.
It's not even 24 hours old yet, and has grown from three pages to eleven!
No pictures yet, just lots of fast text :)

I love this rig!

11. Re: [APRSSIG:32057] Re: WinAPRS 2.2.1 > TH-D7A

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 30 Dec 1998 18:12:11 -0600
To: "Jim Gill" <jimgill@ix.netcom.com>, <bruninga@nadn.navy.mil>,
<aprssig@tapr.org>, <htaprs@tapr.org>
Message-ID: <013601be3452$3a1a0920$010000a9@compaq>
Rendered body type: text/plain

REPOST

-----Original Message-----
From: Jim Gill <jimgill@ix.netcom.com>
To: bruninga@nadn.navy.mil <bruninga@nadn.navy.mil>; aprssig@tapr.org <aprssig@tapr.org>
Date: Wednesday, December 30, 1998 6:02 PM
Subject: Re: [APRSSIG:32057] Re: WinAPRS 2.2.1 > TH-D7A

N0RMO-15>GPSLV,RELAY,K0BOY-1*,WIDE:$GPRMC,235654,A,3933.347,N,09559.335,W,056.5,180.0,301298,004.7,E*65

WinAPRS: 65

TH-D7A:
1:N0RMO
cse180 spd064m

APRServe Find :N0RMO-15
Position report received 25 seconds ago.

Course: 180 degrees
Speed: 56 MPH

>map.aprs.net reads NMEA wrong too. SIM mode still 65mph on the GPSIII. And the conversions in the HT aren't working.

Let me re-phrase that. The conversions in the HT seem to be working fine; it's just that all versions of APRS software are making assumptions on whether the *transmitted* speed is knots or mph, without having a bona-fide iron-clad *working* standard (despite the written standard).

I don't mean to drag this out to be a pain; I'm attempting to make sure we all see the problem in black and white. Steve K4HG sees this plainly. Why have a feature if it doesn't work right all the time? My offer for APRS author(s) to come here at my expense still stands.

Jim N0RMO
Omaha NE

12. Hello

From: "Stan Horzepa" <stanzepa@mail2.nai.net>
Date: Wed, 30 Dec 1998 19:34:29 -0500
To: htaprs@tapr.org
Message-ID: <199812310050.TAA05987@mail1.javanet.com>
Rendered body type: text/plain

We are up and running!

13. 9600 baud

From: dave vanhorn <dvanhorn@cedar.net>
Date: Wed, 30 Dec 1998 19:54:23 -0500
To: htaprs@tapr.org

Message-ID: <4.1.19981230195243.00af56c0@192.168.0.1>
Rendered body type: text/plain

You mentioned a while back in some pacsat notes, that 9600 packet transmit had problems.
Can you elaborate on that? I'd test it here, but at the moment, I have nobody in range to talk to.

14. Re: [HTAPRS:11] Re: [APRSSIG:32057] Re: WinAPRS 2.2.1 > TH-D7A

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Wed, 30 Dec 1998 17:00:06 -0800
To: <htaprs@tapr.org>
Message-ID: <015d01be3458$e8874c60$12d4fea9@dell>
Rendered body type: text/plain

I quote from the Garmin manual for the GPS-35LP

4.2.7 Recommended Minimum Specific GPS/TRANSIT Data (RMC)
$GPRMC,<1>,<2>,<3>,<4>,<5>,<6>,<7>,<8>,<9>,<10>,<11>*hh<CR><LF>
<1> UTC time of position fix, hhmmss format
<2> Status, A = Valid position, V = NAV receiver warning
<3> Latitude, ddmm.mmmm format (leading zeros will be transmitted)
<4> Latitude hemisphere, N or S
<5> Longitude, dddmm.mmmm format (leading zeros will be transmitted)
<6> Longitude hemisphere, E or W
<7> Speed over ground, 0.0 to 1851.8 knots
<8> Course over ground, 000.0 to 359.9 degrees, true (leading zeros will be transmitted)
<9> UTC date of position fix, ddmmyy format
<10> Magnetic variation, 000.0 to 180.0 degrees (leading zeros will be transmitted)
<11> Magnetic variation direction, E or W (westerly variation adds to true course)

Speed over ground is in KNOTS. This is standard for RMC. APRS+SA decodes this speed as KNOTS. It decodes the speed encoded in the Posit text as KNOTS. KNOTS has been the standard that Bob has used since the inseption of APRS (even if one would like MPH <grin>). I am unaware of any GPS receiver sending MPH in the NMEA string. But then, I use Garmins. Lat/Long can be affected by the chosed datum. NMEA sentences that do have variable units, include a units field.

Brent, KH2Z

>REPOST
>
>-----Original Message-----
>From: Jim Gill <jimgill@ix.netcom.com>
>To: bruninga@nadn.navy.mil <bruninga@nadn.navy.mil>; aprssig@tapr.org <aprssig@tapr.org>
>Date: Wednesday, December 30, 1998 6:02 PM
>Subject: Re: [APRSSIG:32057] Re: WinAPRS 2.2.1 > TH-D7A
>
>
>N0RMO-15>GPSLV,RELAY,K0BOY-1*,WIDE:$GPRMC,235654,A,3933.347,N,09559.335,W,056.5,180.0,301298,004.7,E*65
>
>WinAPRS: 65
>
>TH-D7A:
>1:N0RMO
>cse180 spd064m
>
>APRServe Find :N0RMO-15
>Position report received 25 seconds ago.
>
>Course: 180 degrees
>Speed: 56 MPH
>
>
>>map.aprs.net reads NMEA wrong too. SIM mode still 65mph on the GPSIII. And the conversions in the HT aren't working.
>
>Let me re-phrase that. The conversions in the HT seem to be working fine; it's just that all versions of APRS software are making assumptions on whether the *transmitted* speed is knots or mph, without having a bona-fide

iron-clad *working* standard (despite the written standard).
>
>I don't mean to drag this out to be a pain; I'm attempting to make sure we
all see the problem in black and white. Steve K4HG sees this plainly. Why
have a feature if it doesn't work right all the time? My offer for APRS
author(s) to come here at my expense still stands.
>
>Jim   N0RMO
>Omaha NE
>
>

15. Re: [HTAPRS:7] Re: [APRSSIG:32011] Re: TH-D7A 2.5 mm 3-conductor plug

From: Greg Noneman <greg@clubnet.net>
Date: Wed, 30 Dec 1998 18:20:43 -0800
To: <htaprs@tapr.org>
Message-ID: <1297051511-22014650@mail.clubnet.net>
Rendered body type: text/plain

I didn't try soldering to the Kenwood supplied cable (only micro-clipped
to it originally to verify functionality) but went directly to the Mouser
cables. I had no problem whatsoever soldering them to one of the Purple
Computing Garmin connectors and to a DB-9. The Mouser cable is somewhat
"beefier" than the Kenwood provided cable. It probably isn't quite as
flexible because I believe the two wires are all stranded copper (no
string) and are larger gauge. The two conductors and the shield come
pre-tinned.

Greg
WB6ZSU

>You must not have tried to solder to it then.
>
>For an example, cut a telephone line cord in half, strip the wires, and
>check out the "wire". It is simply piece of string with a few
>unsolderable strands of copper around it.
>
>This is one reason why it is important on a Pico-Packet to use the factory
>silver-satin cable to connect it to your radio. Paccomm got some with real
>wires in it as opposed to those little hairs.
>
>Hopefully someone can describe the Mouser cable and it will have real wires.
>
>
>At 05:56 PM 12/30/98 -0500, you wrote:
>
>>I was very impressed with the thin, braided 2.5mm connector that Kenwood
>>provided.
>
>

16. Re: [HTAPRS:15] Re: [APRSSIG:32011] Re: TH-D7A 2.5 mm 3-conductor plug

From: dave vanhorn <dvanhorn@cedar.net>
Date: Wed, 30 Dec 1998 21:26:08 -0500
To: htaprs@tapr.org
Message-ID: <4.1.19981230212315.00967ce0@192.168.0.1>
Rendered body type: text/plain

I must live on a different planet or something.. I had no trouble
whatsoever soldering to the kenwood cable, using a 40W 800 degree weller
and Multicore solder. No flux or exotic handling. I'd buy 10 more of these
instantly.
Note that an 800 degree tip is a little sub-optimal for this job, but it's
what I had loaded and hot.

Maybe they changed cables??
Mine was many many fine copper strands, no twisty-foil phone conductors.

17. New Sig

From: "Randy" <wa2age@inreach.com>
Date: Wed, 30 Dec 1998 18:56:45 -0800
To: <htaprs@tapr.org>
Message-ID: <01be3469$33ba2440$58298ed1@default>
Rendered body type: text/plain

Just signed up.

TH-D7A owner,

Randy
WA2AGE

18. New User

From: "Rich Casey" <casey@acm.org>
Date: Wed, 30 Dec 1998 23:29:29 -0600
To: <htaprs@tapr.org>
Message-ID: <015601be347e$8e395c00$7ddefea9@casey8>
Rendered body type: text/plain

Hi all:
  Really enjoyed using the ht while on vacation in Chicago. Took a fix in the airport at O'Hare and entered it, held it up in the air and beaconed. Saw n5csu-9 on map.aprs.net!

  BTW, think the "-7" SSID and running man icon is a great idea... I've switched mine over.

  Have not yet hooked my Garmin 12xl to the talkie yet... Any pointers?

Rich

---------- \\ -------------------------
Rich Casey   casey@acm.org
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

19. Re: [HTAPRS:18] New User

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 30 Dec 1998 23:59:11 -0600
To: <htaprs@tapr.org>, "Rich Casey" <casey@acm.org>
Message-ID: <019201be3482$b309a860$010000a9@compaq>
Rendered body type: text/plain

I used both of my D7's (I have two) on my recent trip to Birmingham AL. I left one at my sister's house while we went out for errands and they followed my movement from the house (no computers or other ham gear there).

I have my 12xl hooked to the HT from time to time; I used one of the Mouser cables that has been talked about on the sig. I built a custom cable with the mouser cable running to a Pfranc Garmin connector. Both the 12xl and HT were running on batteries. Then set the radio to NMEA input, the 12xl to NMEA/NMEA, and press the POS button on the HT. The periods will blink in the display and in a few moments the position fix will show in the display.

However, I have found that with the 12xl connected and running in this fashion, the ability for the HT to decode received data and display it is drastically reduced. It seems the 12xl induces some rf interference in the HT that reduces its' useful receive range. Right in the house, it's fine receiving my home station, but the HT will not hear a closeby digi with the GPS running that would normally be heard just fine.

I will hook up the mag mount and do some more tests.

I joined this new sig at Message 4 so lets keep up the traffic. If anyone has questions please post them and I will try to help or tell you what I have found with my HTs.

Take care,

Jim N0RMO
Omaha NE
www.jgav.com

-----Original Message-----
From: Rich Casey <casey@acm.org>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Wednesday, December 30, 1998 11:37 PM
Subject: [HTAPRS:18] New User

> Have not yet hooked my Garmin 12xl to the talkie yet... Any pointers?

20. old messages on ht

From: Ron Reeves <reeves@worldaccessnet.com>
Date: Wed, 30 Dec 1998 22:16:50 -0800
To: htaprs@tapr.org
Message-ID: <m0zvbPm-000dM4C@vortex.worldaccessnet.com>
Rendered body type: text/plain

Has anyone figured out how to delete messages on the th-d7a? It holds 16
and seems like you should be able to delete the ones you don't want.

Ron Reeves
N7QXO
reeves@worldaccessnet.com

21. Re: [HTAPRS:20] old messages on ht

From: "Burnaby Radio Communications" <ve7cbt@home.com>
Date: Wed, 30 Dec 1998 22:37:04 -0800
To: <htaprs@tapr.org>
Message-ID: <00be01be3487$fb146640$217f7018@local.rdc1.bc.wave.home.com>
Rendered body type: text/plain

I can't seem to be able to figure that out either, I'd assume that you do it
the same way you do in teh LIST (of 40) by just pressing DEL but it does not
seem to do anything to Messages.

If ya figure it out lemme know.

Don

-----Original Message-----
From: Ron Reeves <reeves@worldaccessnet.com>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Wednesday, December 30, 1998 10:21 PM
Subject: [HTAPRS:20] old messages on ht

>Has anyone figured out how to delete messages on the th-d7a? It holds 16
>and seems like you should be able to delete the ones you don't want.
>
>Ron Reeves
>N7QXO
>reeves@worldaccessnet.com
>
>

22. Re: [HTAPRS:20] old messages on ht

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Thu, 31 Dec 1998 00:45:13 -0600
To: <htaprs@tapr.org>, "Ron Reeves" <reeves@worldaccessnet.com>
Message-ID: <000a01be3489$21146060$010000a9@compaq>
Rendered body type: text/plain

Although you can delete a station in the LIST by selecting it with the rocker arrow and pressing A/B
(the delete button), you cannot do this for messages. You must wait for an old message to scroll off
the list when the msg list fills up. The alternative is a full reset which is a bit dramatic.

One other thing I've noticed is that old msgs you have sent that were *not* acked and have timed out
will have a . (period) next to them (acked msgs have a * while pending msgs have a +). When you select
MSG - Transmit, the HT only re-transmits + msgs that are still pending, without affecting the current
count of how many times it has been sent automatically (verified by on-the-air testing).

So if you have many old msgs that are . for the status (never acked but have timed out), selecting
Transmit will not re-transmit these. The HT will safely ignore those and you won't need to worry about
later re-transmission. You can re-queue them for transmission by selecting an old msg in the list that
has a . , press the MSG button, and it it will begin a new msg as an exact copy of the old one and go
through the cycle again.

Jim N0RMO
Omaha NE
www.jgav.com
Owner/User of two D7's

-----Original Message-----
From: Ron Reeves <reeves@worldaccessnet.com>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Thursday, December 31, 1998 12:22 AM
Subject: [HTAPRS:20] old messages on ht

>Has anyone figured out how to delete messages on the th-d7a? It holds 16

>and seems like you should be able to delete the ones you don't want.
>
>Ron Reeves
>N7QXO
>reeves@worldaccessnet.com
>
>

23. Season's Greetings!

From: Bob Sayers <epu@WMFS.TelMe.com>
Date: Thu, 31 Dec 1998 11:25:44 GMT
To: htaprs@tapr.org
Message-ID: <2005273@tmrelay.prod.phonelink.com>
Rendered body type: text/plain

Very pleased to see this SIG set up - best wishes for the New Year to Stan and everyone else in the group.

For UK readers, I hope to be running my D7E and GPS45 mobile daily, immediately after the New Year holiday, between Redditch, Worcestershire, and the centre of Birmingham (for North American readers, there are no APRS digis covering this area yet, although I may be able to set one up at this office location before too long). Frequency will be 144.800MHz.

Also for North American readers, I'm interested in any feedback on the Garmin StreetPilot, which is not likely to be released in the UK now until February, as a possible replacement for my GPS45. Is anyone currently using one for APRS, or with a THD7? Could anyone advise me of the US price compared with other models? Replies to the eMail address, please, if not THD7 relevant.

Bob, G8IYK

Via Tel-Me Internet E-Mail

Emergency Planning Unit
West Midlands Fire Service
Fire Service Headquarters
Lancaster Circus Queensway
Birmingham, B4 7DE
United Kingdom

'phone: [44] (0)121-380-7611
fax: [44] (0)121-359-5108
ECN: 591-7411

24. Re: [APRSSIG:32046] GPS Wedge for TH-D7A (plain text m

From: John Rauch <john@cycat.com>
Date: Thu, 31 Dec 1998 10:08:54 -0500
To: donb@direct.ca, htaprs@tapr.org
Message-ID: <3.0.5.32.19981231100854.007be940@web-cycat.com>
Rendered body type: text/plain

Don... Shall we contact Rockwell, get a mold machined and start product? Seriously! I'm ready!

John Rauch

Only one problem..... At about 200 bucks each to make it worthwhile, few "hams" (spelled 'cheap") would purchase when they already have a GPS....

At 06:03 PM 12/30/1998 -0500, you wrote:
>OK, here's the message in plain text (I hope)
>
>So Kenwood...
>
>Where's the GPS wedge that goes between the radio and battery pack? It only
>makes perfect sense that you make one... It would have a little 1" long or
>so peice of wire with a 3 conductor 90 degreee connector on it to go right
>into the radio, it would be powered from the battery pack and pass the
>voltage through to the radio, it would have a little antenna (not a patch)
>like on a handheld gps that would nicely fill up the gap above the radio,
>yadda yadda yadda...? Come on Kenwood... you must have thought of it...
>Got picture? Got milk? Am I dreaming?

>
>Whaddaya think guys?
>
>Don.
>
>
>
>
>

25. Re: [APRSSIG:32047] Re: dec 30 98 9am thd-7a kenwood

From: John Rauch <john@cycat.com>
Date: Thu, 31 Dec 1998 10:12:30 -0500
To: bruninga@nadn.navy.mil, htaprs@tapr.org
Message-ID: <3.0.5.32.19981231101230.00840440@web-cycat.com>
Rendered body type: text/plain

Bob, I think Steve Scott was referencing a senerio where one would be using
the D7 with the Meridian XL only, and not be using a computer interface.?

At 06:07 PM 12/30/1998 -0500, you wrote:
>On Wed, 30 Dec 1998, STEVE SCOTT wrote:
>
>> kenwood th-d7 gpstext defaults to $gpnts
>>
>> terminal control of the kenwood to make gpst to $gprmc, when i power
>> off the kenwood it goes back to the default of $gpnts.
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>GPSTEXT only is used when used with APRS software. All APRS software
>sends the necessary init commands to the THD7 on startup. THe Kenwood
>always powers-up in TNC defaults.
>
>Thus whenever you use the THD7 with APRSdos, for example, if you
>power-cycle the HT, then you must hit alt-S-T to reset the TNC each time.
>
>The APRS827 which will be posted tomorrow has the INITTHD7.TNC file built
>in.
>
>de WB4APR, Bob
>
>
>
>
>
>
John Rauch
Control Operator
   for Amateur Radio Station
      N4YXS
c/o 1450 West Lake Brantley Road
    Longwood, Florida 32779-4766
Lat. 28 41.128, Lon 081 26.155
Member - Central Fla. DX Association

26. Re: [HTAPRS:13] 9600 baud

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 31 Dec 1998 10:34:04 -0500 (EST)
To: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9812311030570.18145-100000@arctic>
Rendered body type: text/plain

On Wed, 30 Dec 1998, dave vanhorn wrote:

> You mentioned a while back in some pacsat notes, that 9600 packet transmit
> had problems.
> Can you elaborate on that? I'd test it here, but at the moment, I have
> nobody in range to talk to.

THe TNC cannot operate crossband full duplex which is needed for normal
comms with the pacsats. But it will work perfectly well in RECEIVE or
TRANSMIT. But TRANSMITTING only is a useless exercise. But RECEIVE only
is perfect. Just use an antenna with at least 7 dB gain and point at a
PACSAT and you will receive 9600 baud downlink just fine. Be sure to use
the HB 9600 command to set thebaud rate and also PASSALL ON for initial
testing so that you dont have to get perfect error free packets.

The pacsats make an excelent 9600 baud test source anywhwere in the world
about 30 times a day..

de WB4APR bob

27. Re: [HTAPRS:26] Re: 9600 baud

From: dave vanhorn <dvanhorn@cedar.net>
Date: Thu, 31 Dec 1998 10:57:05 -0500
To: htaprs@tapr.org, htaprs@tapr.org
Message-ID: <4.1.19981231104847.04294cd0@192.168.0.1>
Rendered body type: text/plain

>THe TNC cannot operate crossband full duplex which is needed for normal
>comms with the pacsats. But it will work perfectly well in RECEIVE or
>TRANSMIT. But TRANSMITTING only is a useless exercise. But RECEIVE only
>is perfect. Just use an antenna with at least 7 dB gain and point at a
>PACSAT and you will receive 9600 baud downlink just fine. Be sure to use
>the HB 9600 command to set thebaud rate and also PASSALL ON for initial
>testing so that you dont have to get perfect error free packets.
>
>The pacsats make an excelent 9600 baud test source anywhwere in the world
>about 30 times a day..
>
>de WB4APR bob
>

Hmm.. Pardon my ignorance, I've not paid attention to pacsats before since
I had no equipment to talk to them with. Why do they require full duplex?
I see what you mean on crossband though, popping back and forth would have
to be done in software, nobody could whack the keyboard fast enough :)
(FIRMWARE UPGRADE!!)

One thing I'm observing is the handling of memory channels. They got it
almost complete. Band A won't access UHF channels, and band B won't access
channels outside the 2 meter band, but it would be nice if we didn't have
to manually change bands when selecting mem channels, the channel
information is enough to change bands on.

28. Band B Mem. Ch!, was Re: 9600 baud

From: David Cook <dacook@cityscape.net>
Date: Thu, 31 Dec 1998 11:00:43 -0600
To: htaprs@tapr.org, dvanhorn@cedar.net
Message-ID: <368BADBA.68A50BF2@cityscape.net>
Rendered body type: text/plain

dave vanhorn wrote:

> One thing I'm observing is the handling of memory channels. They got it
> almost complete. Band A won't access UHF channels, and band B won't access
> channels outside the 2 meter band, but it would be nice if we didn't have
> to manually change bands when selecting mem channels, the channel
> information is enough to change bands on.

Dave,
     I just found this out by accident this morning...band B can use ANY
memory setting (2m, 440, etc.). First select band B, then press the "MR" key
to get to the memory channel mode. Now press the "ENT" key and enter the
number of the memory channel you want and press "ENT" again. Now you can even
scroll between memory channels with the up/down keys. Hope this helps you
out. I was certainly surprised when I discovered this.

--
David Cook - KB9OQL
"Why ask why? Drink BudDry!"
E-mail: dacook@cityscape.net
Web Homepage: http://www.cityscape.net/~dacook
See where my van is: http://map.aprs.net/kb9oql-15

29. Operating experience

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Thu, 31 Dec 1998 10:04:16 -0700
To: <htaprs@tapr.org>
Message-ID: <004501be34df$9966e000$0d01a8c0@toms.altahealth.net>
Rendered body type: text/plain

I got to use one of these rigs last night (K7IP's). Quite a nice radio. The
interface was quite intuitive. You can certainly tell the Microsoft did not
make this thing - it works. I was able to send a message with just a few
hints for entering text. I like the ability to hit the keypad and have it
loop through the letters and the number (2, A, B, C).

Has anyone had a chance to monitor a packet cluster to see how spots come
through on the screen?

Should I wait or should I go now. Generally, I do not wait for technology
unless there is a problem. I do not have a Garmin, and will not connect it
to 12v most of the time, but I understand the lockup problem happens even
off the battery. Any thoughts.

Tom NY4I
-----Original Message-----
From: John Rauch <john@cycat.com>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Thursday, December 31, 1998 8:16 AM
Subject: [HTAPRS:25] Re: [APRSSIG:32047] Re: dec 30 98 9am thd-7a kenwood

>Bob, I think Steve Scott was referencing a senerio where one would be using
>the D7 with the Meridian XL only, and not be using a computer interface.?
>
>
>At 06:07 PM 12/30/1998 -0500, you wrote:
>>On Wed, 30 Dec 1998, STEVE SCOTT wrote:
>>
>>> kenwood th-d7 gpstext defaults to $gpnts
>>>
>>> terminal control of the kenwood to make gpst to $gprmc, when i power
>>> off the kenwood it goes back to the default of $gpnts.
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>>GPSTEXT only is used when used with APRS software. All APRS software
>>sends the necessary init commands to the THD7 on startup. THe Kenwood
>>always powers-up in TNC defaults.
>>
>>Thus whenever you use the THD7 with APRSdos, for example, if you
>>power-cycle the HT, then you must hit alt-S-T to reset the TNC each time.
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>>The APRS827 which will be posted tomorrow has the INITTHD7.TNC file built
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>>de WB4APR, Bob
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>>
>John Rauch
>Control Operator
>   for Amateur Radio Station
>   N4YXS
>c/o 1450 West Lake Brantley Road
>   Longwood, Florida 32779-4766
>Lat. 28 41.128, Lon 081 26.155
>Member - Central Fla. DX Association
>

30. Re: [HTAPRS:28] Band B Mem. Ch!, was Re: 9600 baud

From: dave vanhorn <dvanhorn@cedar.net>
Date: Thu, 31 Dec 1998 12:18:35 -0500
To: htaprs@tapr.org, htaprs@tapr.org
Message-ID: <4.1.19981231121346.009a8c20@192.168.0.1>
Rendered body type: text/plain

>Dave,
>   I just found this out by accident this morning...band B can use ANY
>memory setting (2m, 440, etc.). First select band B, then press the "MR" key
>to get to the memory channel mode. Now press the "ENT" key and enter the
>number of the memory channel you want and press "ENT" again. Now you can even
>scroll between memory channels with the up/down keys. Hope this helps you
>out. I was certainly surprised when I discovered this.

I tried this, but if I select a UHF channel on tuner B (Band is SOOO
confusing!) then I'm restricted to UHF channels when I turn the encoder. If
I select a VHF channel on tuner B, then I can only select VHF channels with
the encoder.

It's a minor irritation, but IMHO, since the memory tells what band we are
in already, it's redundant to have to tell the transciever to use that

band. I can't think why you'd want to make it more difficult than necessary
to change channels.

Imagine if your TV required you to first select which of six bands (Sub,
VHF low, Mid, VHF High, Super, and UHF) it has before selecting a channel
in another band other than the one you're currently watching!

31. Re: [HTAPRS:29] Operating experience

From: dave vanhorn <dvanhorn@cedar.net>
Date: Thu, 31 Dec 1998 12:21:30 -0500
To: htaprs@tapr.org, htaprs@tapr.org
Message-ID: <4.1.19981231121857.0095b100@192.168.0.1>
Rendered body type: text/plain

>Should I wait or should I go now. Generally, I do not wait for technology
>unless there is a problem. I do not have a Garmin, and will not connect it
>to 12v most of the time, but I understand the lockup problem happens even
>off the battery. Any thoughts.

I discuss this on my page under power.. The manual hints that the radio
should only be directly wired to "clean" 12V power, like a battery or
regulated power supply. It mentions a "filtered" adaptor for vehicular use,
which probably contains a reverse protection diode or Zener, and either
inductive filters, or possibly a buck regulator. I haven't seen it myself,
so I'm guessing.

32. Re: [APRSSIG:32047] Re: dec 30 98 9am thd-7a kenwood

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 31 Dec 1998 13:02:38 -0500 (EST)
To: John Rauch <john@cycat.com>
Cc: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9812311257280.18145-100000@arctic>
Rendered body type: text/plain

On Thu, 31 Dec 1998, John Rauch wrote:

> Bob, I think Steve Scott was referencing a senerio where one would be using
> the D7 with the Meridian XL only, and not be using a computer interface.?

Thanks, I only have a preliminary manual, but my understanding is that
the THD7 uses RMC/GGA/GLL for its position in APRS mode. THis is
independent of whatever is in the GPSTEXT field. GPSTEXT is only when
operating with a PC attached.
bob

>
>
> At 06:07 PM 12/30/1998 -0500, you wrote:
> >On Wed, 30 Dec 1998, STEVE SCOTT wrote:
> >
> >> kenwood th-d7 gpstext defaults to $gpnts
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> >> terminal control of the kenwood to make gpst to $gprmc, when i power
> >> off the kenwood it goes back to the default of $gpnts.
> >
> >GPSTEXT only is used when used with APRS software. All APRS software
> >sends the necessary init commands to the THD7 on startup. THe Kenwood
> >always powers-up in TNC defaults.
> >
> >Thus whenever you use the THD7 with APRSdos, for example, if you
> >power-cycle the HT, then you must hit alt-S-T to reset the TNC each time.
> >
> >The APRS827 which will be posted tomorrow has the INITTHD7.TNC file built
> >in.
> >
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> Lat. 28 41.128, Lon 081 26.155
> Member - Central Fla. DX Association
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

33. TH-D7A

From: w8xf@juno.com
Date: Thu, 31 Dec 1998 13:07:45 EST
To: htaprs@tapr.org
Message-ID: <19981231.130851.2119.1.w8xf@juno.com>
Rendered body type: text/plain

Hope the guys at Kenwood subscribe too!

I built a distribution box for the rat'snest of cables for my D7...dc in
dc/data out to gps, data out to ht,dc out to ht....then a little velcro,
and viola it all fits together and will sit up on my carseat.

Kenwood cable soldering: use a small amount of flux on the wires b4
soldering. The fiber will burn off, and the solder will flow. I had to
solder mine several times while designing the distribution box.

HNY,
Mac W8XF

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

34. Re: [HTAPRS:27] Re: 9600 baud

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 31 Dec 1998 13:09:13 -0500 (EST)
To: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9812311308180.18145-100000@arctic>
Rendered body type: text/plain

On Thu, 31 Dec 1998, dave vanhorn wrote:

> Hmm.. Pardon my ignorance, I've not paid attention to pacsats before since
> I had no equipment to talk to them with. Why do they require full duplex?
> I see what you mean on crossband though, popping back and forth would have
> to be done in software, nobody could whack the keyboard fast enough :)
> (FIRMWARE UPGRADE!!)

Because the Satellite assumes it. It says YOUR TURN, and you have only a
few milliseconds to respond...

35. Re: [HTAPRS:34] Re: 9600 baud

From: "Steve Sampson" <ssampson@usa-site.net>
Date: Thu, 31 Dec 1998 13:06:20 -0600
To: <htaprs@tapr.org>
Message-ID: <001101be34f0$a6bdbb00$87228cd1@dodge.usa-site.net>
Rendered body type: text/plain

Does the radio really have a reactance modulator, as on the
web page? or, is that just a separate voice modulator?
It's a pretty confusing spec sheet, but I suspect they would
have done 9600 with direct FM. What's the skinny?

Steve

-----Original Message-----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Thursday, December 31, 1998 12:19 PM
Subject: [HTAPRS:34] Re: 9600 baud

>On Thu, 31 Dec 1998, dave vanhorn wrote:

>
>> Hmm.. Pardon my ignorance, I've not paid attention to pacsats before
since
>> I had no equipment to talk to them with. Why do they require full duplex?
>> I see what you mean on crossband though, popping back and forth would
have
>> to be done in software, nobody could whack the keyboard fast enough :)
>> (FIRMWARE UPGRADE!!)
>
>Because the Satellite assumes it. It says YOUR TURN, and you have only a
>few milliseconds to respond...
>

36. Re: [HTAPRS:26] Re: 9600 baud

From: "Tim Cunningham" <cunninghamt@usa.net>
Date: Thu, 31 Dec 1998 12:45:31 -0600
To: <htaprs@tapr.org>
Cc: "N8deu" <N8deu@aol.com>
Message-ID: <001a01be34f1$0ed8bb40$a1d3c898@123>
Rendered body type: text/plain

There are 2 things that need to happen on the Kenwood HT for
full PacSat operation.

1. The HT needs to work full duplex (transmit while receiving). I
understand
     this may be accomplished with a simple modification to the hardware.
     For those not familiar with PacSats, the transmit time is a very short
burst
     to download directories and messages.

2. The TNC also needs to work in full duplex mode as well. This change is
    nothing more than ignoring the DCD on the modem where the modem
    can transmit while valid data is being received. This could be a
firmware
    change or possibly a hardware change. Without a schematic I am
    speculating on this one. My vote is for firmware support on this one to
    make it easy to switch between full duplex and half duplex for normal
    APRS operation.

73's,

Tim - N8DEU
Huntsville, Alabama

-----Original Message-----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Thursday, December 31, 1998 9:46 AM
Subject: [HTAPRS:26] Re: 9600 baud

>On Wed, 30 Dec 1998, dave vanhorn wrote:
>
>> You mentioned a while back in some pacsat notes, that 9600 packet
transmit
>> had problems.
>> Can you elaborate on that? I'd test it here, but at the moment, I have
>> nobody in range to talk to.
>
>THe TNC cannot operate crossband full duplex which is needed for normal
>comms with the pacsats. But it will work perfectly well in RECEIVE or
>TRANSMIT. But TRANSMITTING only is a useless exercise. But RECEIVE only
>is perfect. Just use an antenna with at least 7 dB gain and point at a
>PACSAT and you will receive 9600 baud downlink just fine. Be sure to use
>the HB 9600 command to set thebaud rate and also PASSALL ON for initial
>testing so that you dont have to get perfect error free packets.
>
>The pacsats make an excelent 9600 baud test source anywhwere in the world
>about 30 times a day..
>
>de WB4APR bob
>
>

37. TH-D7A DCD???

From: AC6JA@aol.com
Date: Thu, 31 Dec 1998 16:15:52 EST
To: htaprs@tapr.org
Message-ID: <3637c493.368be988@aol.com>
Rendered body type: text/plain

i thought that since the TH-D7A has DCD (data carrier detect), that you could run the squelch "wide open", but this doesn't seem to be the case. if a carrier or a "birdie" is on the data frequency, the ht will not transmit. anyone else have this experience?
thanks for the info.

mike AC6JA

38. Re: [HTAPRS:34] Re: 9600 baud

From: dave vanhorn <dvanhorn@cedar.net>
Date: Thu, 31 Dec 1998 17:03:49 -0500
To: htaprs@tapr.org, htaprs@tapr.org
Message-ID: <4.1.19981231170233.00ca1e60@192.168.0.1>
Rendered body type: text/plain

>> Hmm.. Pardon my ignorance, I've not paid attention to pacsats before since
>> I had no equipment to talk to them with. Why do they require full duplex?
>> I see what you mean on crossband though, popping back and forth would have
>> to be done in software, nobody could whack the keyboard fast enough :)
>> (FIRMWARE UPGRADE!!)
>
>Because the Satellite assumes it. It says YOUR TURN, and you have only a
>few milliseconds to respond...
>
Ok, but that's still not full duplex, just fast turnaround half duplex.
It's at least theoretically possible in the HT, unless there's some
hardware time-constant in the way.

39. TH-D7A and Garmin 30PC incompatibility?

From: Ken Bass <Ken@bassandco.com>
Date: Thu, 31 Dec 1998 17:17:15 -0500
To: htaprs@tapr.org
Message-ID: <368BF7E3.1B36A902@bassandco.com>
Rendered body type: text/plain

Has any one been able to interface a Th-D7A and a Garmin 30PC? My Garmin 45 works like a charm, but the 30PC will not produce a fix on the TH-D7A, even though it does produce a 3-D fix with DeLorme's Street Atlas and FUGAWI.

The symptoms are that in APRS mode with a 30PC attached, the POS display shows the blinking digits constantly, but never displays a fix location. There are no "no fix" beeps, nor does the 2-tone "fix received" beep sound. In short, data sufficient to "squelch" the "no fix" beeps but insufficient to produce a fix is being received.

Here's a full set of 30PC output strings that work with DeLorme/FUGAWI, but not the Th-D7A:

$GPRMC,215458,A,3859.8133,N,07717.2452,W,0.0,037.1,311298,010.2,W*76
$GPGGA,215458,3859.8133,N,07717.2452,W,1,06,1.2,151.2,M,-33.9,M,,*70
$GPGSA,A,3,,03,13,15,,19,27,31,,,,,2.3,1.2,1.9*32
$GPGSV,2,1,08,02,26,292,,03,14,050,37,13,26,265,36,15,36,139,42*74
$GPGSV,2,2,08,18,09,204,,19,70,192,38,27,52,302,39,31,50,046,43*72
$PGRME,45.8,M,87.5,M,98.8,M*14
$GPVTG,037.1,T,047.2,M,00.0,N,00.0,K*4A
$GPRMC,215459,A,3859.8132,N,07717.2452,W,0.0,037.1,311298,010.2,W*76
$GPGGA,215459,3859.8132,N,07717.2452,W,1,06,1.2,151.3,M,-33.9,M,,*71
$GPGSA,A,3,,03,13,15,,19,27,31,,,,,2.3,1.2,1.9*32
$GPGSV,2,1,08,02,26,292,,03,14,050,37,13,26,265,36,15,36,139,42*74
$GPGSV,2,2,08,18,09,204,,19,70,192,38,27,52,302,39,31,50,046,43*72
$PGRME,45.8,M,87.5,M,98.8,M*14
$GPVTG,037.1,T,047.2,M,00.0,N,00.0,K*4A

Anybody else tried to use a 30PC? If so, what results/

Ken Bass
K4EVH

40. Re: [HTAPRS:32] Re: [APRSSIG:32047] Re: dec 30 98 9am thd-7a kenwood

From: Ken Bass <Ken@bassandco.com>
Date: Thu, 31 Dec 1998 17:36:05 -0500

To: htaprs@tapr.org
Message-ID: <368BFC52.46710E70@bassandco.com>
Rendered body type: text/plain

Bob Bruninga wrote:

>
> Thanks, I only have a preliminary manual, but my understanding is that
> the THD7 uses RMC/GGA/GLL for its position in APRS mode. THis is
> independent of whatever is in the GPSTEXT field. GPSTEXT is only when
> operating with a PC attached.
> bob
>
> >
> > >
> > >

Is that, perhaps, why the TH-D7A doesn't work with the Garmin 30PC which doesn
not output a GLL string?

Ken
K4EVH

41. new subscriber

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Thu, 31 Dec 1998 14:55:58 -0800
To: <htaprs@tapr.org>
Message-ID: <9812319151.AA915145224@ccgate.apl.com>
Rendered body type: text/plain

I got my D7A a few weeks ago and took it on the road with me to
Georgia, Florida (I drove over 1,500 miles in those states beaconing
the whole time), St. Louis (airport), and Minneapolis (also airport -
don't ask!) Closer to home in CM87, I've used it from home as well as
4-wheel, ferry, and pedestrian mobile.

So far, I love it. I hated the idea when I read that stations would be
stored to my GPS as waypoints, but now that is one of the outstanding
features.

I am training officer for Alameda County (California) Sheriff's
Communications Team (RACES by any other name.) I expect to be using
the D7A for public service events and (real or simulated) emergencies.

I look forward to benefiting form others' accumulated wisdom and,
maybe, contributing some.

42. re: TH-D7A DCD???

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Thu, 31 Dec 1998 15:01:03 -0800
To: <htaprs@tapr.org>
Message-ID: <9812319151.AA915145335@ccgate.apl.com>
Rendered body type: text/plain

My experience has been, indeed, that trying to run with open squelch
if there's any signal, noise, birdie, etc. (and I'm almost never
anywhere there isn't, if only because of the other gear I'm carting
around) simply doesn't fly. It doesn't seem to be a real problem,
though.

Neil KE6NCX

43. RE: [HTAPRS:41] new subscriber

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Thu, 31 Dec 1998 18:10:28 -0500
To: <htaprs@tapr.org>
Message-ID: <LNBBKAMBFIHGMGDJOPDKAEGDCPAA.pk@ij.net>
Rendered body type: text/plain

I saw you no more than a few miles from my home in Largo, FL as you passed
through on Christmas day!

Look like it worked well.

Saw you on the map in the Gainsville also.

I also have a D7 and got it on the 24th and plan to use it for public
service and emergencies as neccessary too! I'm impressed with the rig!

73,
Paul
KR4YL
Largo, FL

> -----Original Message-----
> From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Neil Fullagar
> Sent: Thursday, December 31, 1998 6:04 PM
> To: htaprs@tapr.org
> Subject: [HTAPRS:41] new subscriber
>
>
> I got my D7A a few weeks ago and took it on the road with me to
> Georgia, Florida (I drove over 1,500 miles in those states beaconing
> the whole time), St. Louis (airport), and Minneapolis (also airport -
> don't ask!) Closer to home in CM87, I've used it from home as well as
> 4-wheel, ferry, and pedestrian mobile.
>
> So far, I love it. I hated the idea when I read that stations would be
> stored to my GPS as waypoints, but now that is one of the outstanding
> features.
>
> I am training officer for Alameda County (California) Sheriff's
> Communications Team (RACES by any other name.) I expect to be using
> the D7A for public service events and (real or simulated) emergencies.
>
> I look forward to benefiting form others' accumulated wisdom and,
> maybe, contributing some.
>
>

44. Re: [HTAPRS:37] TH-D7A DCD???

From: "Dennis M. Griffin" <EagleEye@amug.org>
Date: Thu, 31 Dec 1998 16:42:56 -0700
To: htaprs@tapr.org
Message-ID: <368C0BFF.1D427163@amug.org>
Rendered body type: text/plain

I have received SSTV images, APRS bulletins & packet, all from MIR & all with the squelch open. This has allowed receipt of transmissions that would have been missed with the first level of squelch active. These were all on 145.985 on band A.

AC6JA@aol.com wrote:

> i thought that since the TH-D7A has DCD (data carrier detect), that you could
> run the squelch "wide open", but this doesn't seem to be the case. if a
> carrier or a "birdie" is on the data frequency, the ht will not transmit.
> anyone else have this experience?
> thanks for the info.
>
> mike AC6JA

45. Re: [HTAPRS:41] new subscriber

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Thu, 31 Dec 1998 16:12:52 -0800
To: <htaprs@tapr.org>
Message-ID: <004f01be351b$79b8dce0$12d4fea9@dell>
Rendered body type: text/plain

>
>So far, I love it. I hated the idea when I read that stations would be
>stored to my GPS as waypoints, but now that is one of the outstanding
>features.

As Steve, K4HG pointed out for Garmin receivers, you can disable the NMEA input from the receiver, thus keeping your waypoint list "pure". Brent, KH2Z

46. -7

From: "Darrell Sutton" <dsutton@visi.net>
Date: Thu, 31 Dec 1998 23:04:17 -0500
To: <htaprs@tapr.org>
Message-ID: <001d01be353b$ce9b9d40$773efea9@dsutton.visi.net>
Rendered body type: text/plain

I like The -7 also but tried it and when I switch over for packet I found
that an attempt to use me as a node occurred and caused a little confusion
so I think i will stay with my -2

For what its worth!!

Darrell Sutton   KF4HJW
Newport News ARES AEC   ORS
145.23   442.90   144.39 APRS My Ht TH DTa is -2 on APRS
145.73 Packet   KF4HJW@ke4dv.#tide.va.usa.noam
Packet Net Tues at 8:15 local on KR4MA system in District 7 VA ARES

47. Re: [HTAPRS:7] Re: [APRSSIG:32011] Re: TH-D7A 2.5 mm 3-conductor plug

From: "Darrell Sutton" <dsutton@visi.net>
Date: Thu, 31 Dec 1998 23:06:32 -0500
To: <htaprs@tapr.org>
Message-ID: <003e01be353c$1eeb4e80$773efea9@dsutton.visi.net>
Rendered body type: text/plain

I also had no problems must be they are shipping different cables

-----Original Message-----
From: rwf <rwf@bsrg.org>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Wednesday, December 30, 1998 6:20 PM
Subject: [HTAPRS:7] Re: [APRSSIG:32011] Re: TH-D7A 2.5 mm 3-conductor plug

>You must not have tried to solder to it then.
>
>For an example, cut a telephone line cord in half, strip the wires, and
>check out the "wire". It is simply piece of string with a few
>unsolderable strands of copper around it.
>
>This is one reason why it is important on a Pico-Packet to use the factory
>silver-satin cable to connect it to your radio. Paccomm got some with real
>wires in it as opposed to those little hairs.
>
>Hopefully someone can describe the Mouser cable and it will have real
wires.
>
>
>At 05:56 PM 12/30/98 -0500, you wrote:
>
>>I was very impressed with the thin, braided 2.5mm connector that Kenwood
>>provided.
>
>

January 1999

Original source file: htaprs.9901
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9901

1. HT problems?

From: "Andy" <andy@transport.com>
Date: Thu, 31 Dec 1998 23:44:08 -0800
To: <htaprs@tapr.org>
Message-ID: <026201be355a$852b78a0$9cafded1@andy>
Rendered body type: text/plain

I have noticed a couple of problems with my TH-D7A that I was wondering if
anyone else has noticed or have any solutions for.
1. While using APRS on 144.390 on band A, I have 147.200 on band B and am
getting a full signal strength open carrier(birdie perhaps)

2. While driving in my 92 Ford Ranger or 98 Honda Accord I am not getting
any APRS packet decoding. As soon as I shut off the vehicle or am stopped
at a light, then I start rxing position updates. I have noticed with other
radios that both vehicles while running seem to generate static on my FT-50
and my scanner. Anyone have any solutions?
Thanks
Andy

2. TH-D7A Cable comparison: Kenwood/Mouser

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 1 Jan 1999 02:26:05 -0600
To: <aprssig@tapr.org>, <htaprs@tapr.org>
Message-ID: <00ce01be3560$62a585e0$010000a9@compaq>
Rendered body type: text/plain

OK folks, some of you have been asking for this on the sig. I have posted a quick web page with
photographs showing the difference between the Kenwood and Mouser TH-D7A roll-your-own cables. Sorry the
 pictures are a little large for file size, but I wanted you to see the detail. They were taken with a
Sony MVCFD7 digital camera. The photos will look best at 16bit color and higher (64,000 colors), and I
haven't checked it in 256 colors so maybe someone can for me and tell me how the photos look that way.

See http://www.jgav.com/aprs and select the TH-D7A cable link. Yes the URL is correct, it points to a
default page in a directory. Email me with any questions.

Happy New Year,

Jim N0RMO
Omaha NE USA

3. RE: [HTAPRS:48] HT problems?

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Fri, 1 Jan 1999 08:44:49 -0500
To: <htaprs@tapr.org>
Message-ID: <LNBBKAMBFIHGMGDJOPDKKEGICPAA.pk@ij.net>
Rendered body type: text/plain

> I have noticed a couple of problems with my TH-D7A that I was wondering if
> anyone else has noticed or have any solutions for.
> 1. While using APRS on 144.390 on band A, I have 147.200 on band B and am
> getting a full signal strength open carrier(birdie perhaps)

I have the same Birdie. Luckly there going up to 147.21 (a local repeater)
there is no problem.

73,
Paul
KR4YL

4. Re: [HTAPRS:47] Re: [APRSSIG:32011] Re: TH-D7A 2.5 mm 3-conductor plug

From: rwf <rwf@BSRG.org>
Date: Fri, 01 Jan 1999 10:24:49 -0500
To: htaprs@tapr.org
Message-ID: <Version.32.19990101095515.00e91700@ccegate.cokecce.com>
Rendered body type: text/plain

Look at the web page at   http://www.jgav.com/aprs   and tell me what cable
you have?
The crummy factory one is on the left and has been the one that was with
every Kenwood I've talked to the owner of so far (except for the betas-
which had none). It has hair thin wires that will not even twist together.

At 10:09 PM 12/31/98 -0600, you wrote:
>I also had no problems must be they are shipping different cables
>
>-----Original Message-----
>From: rwf <rwf@bsrg.org>
>To: htaprs@tapr.org <htaprs@tapr.org>
>Date: Wednesday, December 30, 1998 6:20 PM
>Subject: [HTAPRS:7] Re: [APRSSIG:32011] Re: TH-D7A 2.5 mm 3-conductor plug
>
>
>>You must not have tried to solder to it then.
>>
>>For an example, cut a telephone line cord in half, strip the wires, and
>>check out the "wire". It is simply piece of string with a few
>>unsolderable strands of copper around it.
>>
>>This is one reason why it is important on a Pico-Packet to use the factory
>>silver-satin cable to connect it to your radio. Paccomm got some with real
>>wires in it as opposed to those little hairs.
>>
>>Hopefully someone can describe the Mouser cable and it will have real
>wires.
>>
>>
>>At 05:56 PM 12/30/98 -0500, you wrote:
>>
>>>I was very impressed with the thin, braided 2.5mm connector that Kenwood
>>>provided.
>>
>>
>

5. The list parameters

From: rwf <rwf@BSRG.org>
Date: Fri, 01 Jan 1999 10:25:55 -0500
To: htaprs@tapr.org
Message-ID: <Version.32.19990101095708.00ecd920@ccegate.cokecce.com>
Rendered body type: text/plain

All right. Now we are in the same boat that we were in with the APRS SIG
3 years ago!
Keith or Mark was the host, and I think Greg Jones "ran" the technical part
of the list.
Back then, that list was set to direct replies to the SIG itself.

Those of you who are still around remember that it was, at times, a real
problem.
It caused very frequent accidental replies to the entire SIG that included
attachments of ZIP files, pictures, flame mail (unfortunately) and personal
replies that did not belong there.

These files locked up certain mail readers and caused certain other readers
to receive the message as dozens of cryptic text messages. While I am
certainly not endorsing using ancient mail readers (and non robust ones
such as Juno), I can speak from experience in that I accidentally attached
a file like this and another user received about 40 garbage filled messages
in his reader which didn't handle attached files. He mailed each and every
one back to me, along with worse and worse threats with each one.
This was only because I accidentally did a "Reply To" and didn't manually
cut and paste or type in the person's address.

Even worse, If a person did not sign his messages with his E-mail address,
then a personal reply required cutting the address out of the original
message and then pasting it in place of the automatically generated APRSSIG
address.

All in all, it wasn't pretty, it caused a lot of disagreement in the list
and lots of hard feelings- especially when the occasional net-cop would
feel it important to chastise those who accidentally (or ignorantly) posted
replies to the list.

Now we have 2 lists and they are set up in opposite ways. Is there a
reason for this?

Just like when I replied to the previous message: I selected REPLY and the
only address visible was the SIG address. All the headers that I had

available at that point were shown below (and they were from my Original Message, that Darrell quoted in its entirety). Darrell did not sign his message with his E-Mail address, so I did not have it handy. I could have canceled my message, then gone back to the SIG message- found his address from THOSE headers and then come back and done a new reply. Then I would have had to remember to paste the clipboarded address into the address of the new message. All of it is cumbersome when also juggling more than 200 Emails a day.

Could we please have the list set up like the APRSSIG list? And while we are at it, it is perfectly fine with me to have both lists set up to not show the message number in the first part of the header. It does restrict thread sorting of messages a bit.

Thanks for listening to this

Ralph
rwf@BSRG.org

At 10:09 PM 12/31/98 -0600, you wrote:
>I also had no problems must be they are shipping different cables
>
>-----Original Message-----
>From: rwf <rwf@bsrg.org>
>To: htaprs@tapr.org <htaprs@tapr.org>
>Date: Wednesday, December 30, 1998 6:20 PM
>Subject: [HTAPRS:7] Re: [APRSSIG:32011] Re: TH-D7A 2.5 mm 3-conductor plug
>
>
>>You must not have tried to solder to it then.
>>
>>For an example, cut a telephone line cord in half, strip the wires, and
>>check out the "wire". It is simply piece of string with a few
>>unsolderable strands of copper around it.

>>
>>This is one reason why it is important on a Pico-Packet to use the factory
>>silver-satin cable to connect it to your radio. Paccomm got some with real
>>wires in it as opposed to those little hairs.
>>
>>Hopefully someone can describe the Mouser cable and it will have real
>wires.
>>
>>
>>At 05:56 PM 12/30/98 -0500, you wrote:
>>
>>>I was very impressed with the thin, braided 2.5mm connector that Kenwood
>>>provided.
>>
>>
>

6. RE: [HTAPRS:48] HT problems?

From: "Harry Burford" <hburford@airmail.net>
Date: Fri, 1 Jan 1999 09:27:05 -0600
To: <htaprs@tapr.org>
Message-ID: <000301be359b$30453ec0$e96f6f6f@harry233>
Rendered body type: text/plain

D7 and Garmin 90 with either an external mag mount or antenna on the radio inside the '97 Accord here = no problem seen.

hb

> -----Original Message-----
> From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Andy
> Sent: Friday, January 01, 1999 1:49 AM
> To: htaprs@tapr.org
> Subject: [HTAPRS:48] HT problems?
>
>
> I have noticed a couple of problems with my TH-D7A that I was wondering if
> anyone else has noticed or have any solutions for.
> 1. While using APRS on 144.390 on band A, I have 147.200 on band B and am
> getting a full signal strength open carrier(birdie perhaps)

>
> 2. While driving in my 92 Ford Ranger or 98 Honda Accord I am not getting
> any APRS packet decoding. As soon as I shut off the vehicle or am stopped
> at a light, then I start rxing position updates. I have noticed
> with other
> radios that both vehicles while running seem to generate static
> on my FT-50
> and my scanner. Anyone have any solutions?
> Thanks
> Andy
>
>

7. Re: [HTAPRS:49] TH-D7A Cable comparison: Kenwood/Mouser

From: dave vanhorn <dvanhorn@cedar.net>
Date: Fri, 01 Jan 1999 11:10:56 -0500
To: htaprs@tapr.org, htaprs@tapr.org
Message-ID: <4.1.19990101110943.00c96660@192.168.0.1>
Rendered body type: text/plain

>See http://www.jgav.com/aprs and select the TH-D7A cable link. Yes the URL
>is correct, it points to a default page in a directory. Email me with any
>questions.

If you're going to leave this up, I'd like to link to it from my TH-D7 page
at www.cedar.net/users/dvanhorn/kenwood.html

8. Re: [HTAPRS:36] Re: 9600 baud

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 1 Jan 1999 11:22:41 -0500 (EST)
To: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901011116540.23177-100000@arctic>
Rendered body type: text/plain

On Thu, 31 Dec 1998, Tim Cunningham wrote about 2 things that
need to happen on the Kenwood HT for PacSat ops:
>
> 1. The HT needs to work full duplex .... I understand this may be
> accomplished with a simple modification to the hardware.

*** The simple mod did *not* work. It turned out to be more complex than
one jumper. So any send/receive operations with the THd7 will need a new
model. de WB4APR

9. Re: [HTAPRS:38] Re: 9600 baud

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 1 Jan 1999 11:35:51 -0500 (EST)
To: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901011133590.23177-100000@arctic>
Rendered body type: text/plain

On Thu, 31 Dec 1998, dave vanhorn wrote:

> >> I had no equipment to talk to them with. Why do they require full duplex?
> > >
> > >Because the Satellite assumes it. It says YOUR TURN, and you have only a
> > >few milliseconds to respond...
> > >
> > Ok, but that's still not full duplex, just fast turnaround half duplex.

Agree. Sorry, the limit on the THD 7 is that the internal TNC
cannot be switched to "crossband" operation. (and some other minor
details)

10. TH-D7A antenna connector

From: David Dobbins <ddobbins@localaccess.com>
Date: Fri, 01 Jan 1999 09:26:59 -0800
To: htaprs@tapr.org
Message-ID: <368D0564.2550@localaccess.com>
Rendered body type: text/plain

I'd like to add an external antenna to my TH-D7A. Do I understand
correctly that I need an SMC to BNC adaptor? Thanks, Dave/K7GPS.

Also, anybody have info on availability of the PG-4 cable for connection
to a computer?

11. Re: [HTAPRS:57] TH-D7A antenna connector

From: "Randy" <wa2age@inreach.com>
Date: Fri, 1 Jan 1999 09:42:35 -0800
To: <htaprs@tapr.org>
Message-ID: <01be35ae$1de54960$79028ed1@default>
Rendered body type: text/plain

>I'd like to add an external antenna to my TH-D7A. Do I understand
>correctly that I need an SMC to BNC adaptor? Thanks, Dave/K7GPS.

You need a SMA to BNC adapter..
>
>Also, anybody have info on availability of the PG-4 cable for connection
>to a computer?

I have the cable, but no software.

The software is supposed to be posted on the Kenwood FTP site, someday.

Randy
WA2AGE

12. Re: [HTAPRS:54] Re: TH-D7A Cable comparison: Kenwood/Mouser

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 1 Jan 1999 11:52:26 -0600
To: <htaprs@tapr.org>
Message-ID: <002001be35af$94908240$010000a9@compaq>
Rendered body type: text/plain

Yes it will stay up, with additions and revisions over time. You can use the URL below as I may make page name changes, but using the directory URL preserves the pointer.

-----Original Message-----
From: dave vanhorn <dvanhorn@cedar.net>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Friday, January 01, 1999 10:28 AM
Subject: [HTAPRS:54] Re: TH-D7A Cable comparison: Kenwood/Mouser

>
>>See http://www.jgav.com/aprs and select the TH-D7A cable link. Yes the URL
>>is correct, it points to a default page in a directory. Email me with any
>>questions.
>
>
>If you're going to leave this up, I'd like to link to it from my TH-D7 page
>at www.cedar.net/users/dvanhorn/kenwood.html
>

13. Re: [HTAPRS:58] Re: TH-D7A antenna connector

From: AC6JA@aol.com
Date: Fri, 1 Jan 1999 12:56:24 EST
To: htaprs@tapr.org
Message-ID: <b49e9708.368d0c48@aol.com>
Rendered body type: text/plain

where did you get the cable?

mike ac6ja

14. Re: [HTAPRS:58] Re: TH-D7A antenna connector

From: David Dobbins <ddobbins@localaccess.com>
Date: Fri, 01 Jan 1999 10:08:09 -0800
To: htaprs@tapr.org
Message-ID: <368D0F0A.5C83@localaccess.com>
Rendered body type: text/plain

Hi Randy. Did you make your cable or buy one? If the latter, where did
you buy it? Dave.

15. Re: [HTAPRS:60] Re: TH-D7A antenna connector

From: David Dobbins <ddobbins@localaccess.com>
Date: Fri, 01 Jan 1999 10:10:49 -0800
To: htaprs@tapr.org
Message-ID: <368D0FAA.98E@localaccess.com>
Rendered body type: text/plain

Hi Mike. Real nice of Randy to say he's got the cable, but not say where
he got it. Kinda like giving an incomplete response. Great way to start
off the new year. Just finished watching the Rose Parade. Looks like
you're getting some nice wx down in CA. Dave.

16. Re: [HTAPRS:61] Re: TH-D7A antenna connector

From: "Randy" <wa2age@inreach.com>
Date: Fri, 1 Jan 1999 10:13:47 -0800
To: <htaprs@tapr.org>
Message-ID: <01be35b2$799c74a0$79028ed1@default>
Rendered body type: text/plain

>Hi Randy. Did you make your cable or buy one? If the latter, where did
>you buy it? Dave.
>
>

I knew that I needed an adapter when I ordered the radio from AES. So I had
them add one to the order. It is not a cable.

I got a Yaesu SMA to BNC adapter.

Will it work with a Kenwood, or do I now need a Yaesu to Kenwood adapter?

:-)
Randy
WA2AGE

17. Re: [HTAPRS:62] Re: TH-D7A antenna connector

From: "Randy" <wa2age@inreach.com>
Date: Fri, 1 Jan 1999 10:32:04 -0800
To: <htaprs@tapr.org>
Message-ID: <01be35b5$075c6140$79028ed1@default>
Rendered body type: text/plain

>Hi Mike. Real nice of Randy to say he's got the cable, but not say where
>he got it.

Got the cable and radio from AES.

Randy
WA2AGE

18. Re: [HTAPRS:48] HT problems?

From: pmann@juno.com (PETER J MANN)
Date: Fri, 01 Jan 1999 13:39:55 EST
To: htaprs@tapr.org
Message-ID: <19990101.123842.2415.0.PMANN@juno.com>
Rendered body type: text/plain

Good morning Andy, Best of the New Year to you.. On the first trip out
in the 88 Dodge pickup I had to tighten up the squelch two units. Don't
have to adjust the squelch on any other radio I use in the pickup?
73 Pete
KF5RD
HAVE A GREAT DAY!

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

19. Re: [HTAPRS:52] The list parameters

From: "Stan Horzepa" <stanzepa@mail2.nai.net>
Date: Fri, 01 Jan 1999 14:23:50 -0500
To: htaprs@tapr.org
Message-ID: <199901011925.OAA01697@mail1.javanet.com>
Rendered body type: text/plain

The Reply-To SIG instead of sender was an oversight that fell through the
cracks during the rush to get the new SIG up and running during the
holidays. I asked our computer guru (WD5IVD) to fix it as soon as he gets a
chance.

You probably saw WD5IVD's reply on APRSSIG as to why the subject line will
remain the same. For those who missed it...

"Currently that is how the system is setup and we are focusing on getting

new listserv software from a commercial source ported to BSD so that we can
take advantage of the very flexible nature of the new software. Until all
this happens, we are not making any changes to the current configurations."

Stan, WA1LOU

From: rwf <rwf@bsrg.org>
To: htaprs@tapr.org
Subject: [HTAPRS:52] The list parameters
Date: Fri, Jan 1, 1999, 10:28 AM

---big chunk of original message cut out---

Could we please have the list set up like the APRSSIG list?   And while we
are at it, it is perfectly fine with me to have both lists set up to not
show the message number in the first part of the header. It does restrict
thread sorting of messages a bit.

Thanks for listening to this

Ralph
rwf@BSRG.org

At 10:09 PM 12/31/98 -0600, you wrote:
>I also had no problems must be they are shipping different cables
>
>-----Original Message-----
>From: rwf <rwf@bsrg.org>
>To: htaprs@tapr.org <htaprs@tapr.org>
>Date: Wednesday, December 30, 1998 6:20 PM
>Subject: [HTAPRS:7] Re: [APRSSIG:32011] Re: TH-D7A 2.5 mm 3-conductor plug
>
>
>>You must not have tried to solder to it then.
>>
>>For an example, cut a telephone line cord in half, strip the wires, and
>>check out the "wire". It is simply piece of string with a few
>>unsolderable strands of copper around it.

>>
>>This is one reason why it is important on a Pico-Packet to use the factory
>>silver-satin cable to connect it to your radio. Paccomm got some with real
>>wires in it as opposed to those little hairs.
>>
>>Hopefully someone can describe the Mouser cable and it will have real
>wires.
>>
>>
>>At 05:56 PM 12/30/98 -0500, you wrote:
>>
>>>I was very impressed with the thin, braided 2.5mm connector that Kenwood
>>>provided.
>>
>>
>

20. mfj 1270 tnc2

From: "Darrell Sutton" <dsutton@visi.net>
Date: Fri, 1 Jan 1999 22:04:22 -0500
To: <htaprs@tapr.org>
Message-ID: <014501be35fc$99c974e0$d4a4fea9@dsutton.visi.net>
Rendered body type: text/plain

Have finally gotten friend up on aprs with a mfj 1270 tnc 2 only problems is
it sometimes just stops rec or sending but not at same time also happens on
boot up??

Going to O C T and back to program clears problems   does anyone have a nit
file they could send for this unit and I will replace in here files
Thanks for the Help

Darrell Sutton   KF4HJW
Newport News ARES AEC   ORS
145.23   442.90   144.39 APRS My Ht TH DTa is -2 on APRS

145.73 Packet   KF4HJW@ke4dv.#tide.va.usa.noam
Packet Net Tues at 8:15 local on KR4MA system in District 7 VA ARES

21. Re: [HTAPRS:31] Re: Operating experience

From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
Date: Fri, 01 Jan 1999 22:57:27 -0500
To: htaprs@tapr.org
Message-ID: <368D9927.56C62340@worldnet.att.net>
Rendered body type: text/plain

Dave
    What is the location of your page?
George W3GP

dave vanhorn wrote:

> >Should I wait or should I go now. Generally, I do not wait for technology
> >unless there is a problem. I do not have a Garmin, and will not connect it
> >to 12v most of the time, but I understand the lockup problem happens even
> >off the battery. Any thoughts.
>
> I discuss this on my page under power.. The manual hints that the radio
> should only be directly wired to "clean" 12V power, like a battery or
> regulated power supply. It mentions a "filtered" adaptor for vehicular use,
> which probably contains a reverse protection diode or Zener, and either
> inductive filters, or possibly a buck regulator. I haven't seen it myself,
> so I'm guessing.

22. Re: [HTAPRS:68] Re: Operating experience

From: dave vanhorn <dvanhorn@cedar.net>
Date: Fri, 01 Jan 1999 23:07:30 -0500
To: AA8MA@worldnet.att.net, htaprs@tapr.org
Message-ID: <4.1.19990101230701.009fa1e0@192.168.0.1>
Rendered body type: text/plain

At 10:06 PM 1/1/99 -0600, George S. Pappayliou wrote:
>Dave
>   What is the location of your page?
>George W3GP

http://www.cedar.net/users/dvanhorn/kenwood.html

23. TH-D7A & Garmin GPS III

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Sat, 2 Jan 1999 00:55:49 -0500
To: <htaprs@tapr.org>
Message-ID: <NCBBINEHEKOFFAMOHNLHMEOLCHAA.bottomgun@mindspring.com>
Rendered body type: text/plain

Have a Garmin GPS III connected to a TH-D7A. When POS is pressed, I see
LAT/LON with flashing degree and period symbols. Can send messages both ways
between base WinAPRS 2.1.7 and TH-D7A. Cannot find the portable APRS unit
from my base WinAPRS system while the TH-D7A indicates the base station is
0.1 miles to the NW of my present location (i.e. directional arrow in a
circle). My path is set as KF4DBI, WIDE, WIDE (previously tried RELAY,
WIDE, WIDE to no avail).

What am I doing wrong?

73 Jay/KF4DBI

24. RE: [HTAPRS:70] TH-D7A & Garmin GPS III

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Sat, 2 Jan 1999 01:10:17 -0500
To: <htaprs@tapr.org>
Message-ID: <NCBBINEHEKOFFAMOHNLHOEOMCHAA.bottomgun@mindspring.com>
Rendered body type: text/plain

May have found the answer myself...turned on BCON, icon and position now
displayed. Will go back and attempt RELAY, WIDE, WIDE again.
Jay/KF4DBI

-----Original Message-----
From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Jay K. Jeffries
Sent: Saturday, January 02, 1999 12:58 AM
To: htaprs@tapr.org

Subject: [HTAPRS:70] TH-D7A & Garmin GPS III

Have a Garmin GPS III connected to a TH-D7A. When POS is pressed, I see LAT/LON with flashing degree and period symbols. Can send messages both ways between base WinAPRS 2.1.7 and TH-D7A. Cannot find the portable APRS unit from my base WinAPRS system while the TH-D7A indicates the base station is 0.1 miles to the NW of my present location (i.e. directional arrow in a circle). My path is set as KF4DBI, WIDE, WIDE (previously tried RELAY, WIDE, WIDE to no avail).

What am I doing wrong?

73 Jay/KF4DBI

25. TH-D7A & palmAPRS

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Sat, 2 Jan 1999 01:18:47 -0500
To: "HTAPRS" <htaprs@tapr.org>
Message-ID: <NCBBINEHEKOFFAMOHNLHIEONCHAA.bottomgun@mindspring.com>
Rendered body type: text/plain

Now that the GPS and TH-D7A is working, what configuration is required in the settings for palmAPRS to have the two work together. Tried all TNC and almost all port settings with no luck...continually get message "unable to initialize TNC". Have previously had palmAPRS working with a KPC-3+ TNC.
Jay/KF4DBI

26. Re: [HTAPRS:72] TH-D7A & palmAPRS

From: Ken Bass <Ken@bassandco.com>
Date: Sat, 02 Jan 1999 02:10:18 -0500
To: bottomgun@mindspring.com
Cc: htaprs@tapr.org
Message-ID: <368DC657.795E6266@bassandco.com>
Rendered body type: text/plain

To use the TH-D7A with palmAPRS, do the following:

First, remember that the default TNC/PC baud rate for the D7A is 9600, while the standard/default baud rate for the GPS is 4800. If you hook a GPS and a PC to the D7A, usingh the defaukts, the GPS should be at 4800 and the PC (palmAPRS) at 9600.

Second, Set the D7A to the PACKET mode (hit TNC twice) and not the APRS mode. The D7A communicates with the PC port only in PACKET mode. You can then use the palmAPRS as a APRS receiver, but since the current palmAPRS does not recognize a Mic-E encoded APRS packet , you might not see yourself. If you run the D7A with an APRS-enabled PC, then you set the PC in the ESP mode for the GPS function and your PC will then get positioning data from the GPS, via the D7A, and then transmit it back out the D7A through the packet link.

On a PC setup, you need to use the dosAPRS 827 or use the following INITD7A.TNC file:

> INITTHD7.TNC
>
> * TNC Init file for KENWOOD TH-D7
> AWlen 8
> BBSMsgs ON
> B E 0
> LOC E 0
> Echo off
> FLow off
> AUTOLF off
> MCOM off
> MON ON
> MRPt on
> PACLen 128
> HBAUD 1200
> * delete following lines if without GPS
> GBAUD 4800
> GPSTEXT $GPRMC
> LTMH OFF
> LTM 10

Finally, Mike is working on a new version of palmAPRS that will recognize the Mic-E encoded packets, so the interface with a D7A and a GPS may well change.

Gud luck!

Ken
K4EVH

Jay K. Jeffries wrote:

> Now that the GPS and TH-D7A is working, what configuration is required in
> the settings for palmAPRS to have the two work together. Tried all TNC and
> almost all port settings with no luck...continually get message "unable to
> initialize TNC". Have previously had palmAPRS working with a KPC-3+ TNC.
> Jay/KF4DBI

27. Interesting TH-D7A problem;aprsserve Igating

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Sat, 2 Jan 1999 04:25:28 -0600
To: <aprssig@tapr.org>, <htaprs@tapr.org>
Message-ID: <000301be363a$3ae76980$010000a9@compaq>
Rendered body type: text/plain

I have discovered an interesting problem when using the WinAPRS special stations.txt file to Igate selected stations heard on TCP to RF. If a station in your stations.txt file happens to be a TH-D7A (or possibly other Mic-E formatted stations?), and it is heard on TCP while you are acting as an Igate, the RF transmission from your station throws out the TH-D7A's TOCALL, crippling the position normally encoded in the TOCALL. Witness the following copied from my History List while online with APRServe:

KB9OQL-7>S9TX2P,KB9OQL,K9HGX*:`uCEl [/>TH-D7A
>>>>>}KB9OQL-7>APRS,TCPIP,N0RMO*:`uCEl [/>TH-D7A
N0RMO>APRSW,K0BOY-1*,WIDE,WIDE:}KB9OQL-7>APRS,TCPIP,N0RMO*:`uCEl [/>TH-D7A
KB9OQL-7>APRS,TCPIP,N0RMO*:`uCEl [/>TH-D7A

I intitially see the correct location for this station on my map from the first posit. But when my local RF station reformats the packet for local transmission, the TOCALL is lost and he's no longer on the right place on the map.

Was this anticipated and might there be a fix?? Thanks,

Jim N0RMO
Omaha NE USA

28. TH-D7A and intermod

From: "Jacques Voisin" <jvoisin@evcom.net>
Date: Sat, 2 Jan 1999 08:15:47 -0500
To: <htaprs@tapr.org>
Message-ID: <000001be3652$029526e0$73f498d0@jvoisin.evcom.net>
Rendered body type: text/plain

I had the occasion to take my D7 to downtown Orlando for the Citrus Bowl parade as we helped for the staging, this area is known to us as intermod alley, I was pleasantly surprise to see how quite the HT was. I hat another HT with me which was hooping and howling but not the D7 with API on.

Jacques C. Voisin, KD4TWB, AAR4JI
http://evcom.net/~jvoisin/kd4twb.htm
e-mail: jvoisin@evcom.net

29. Garmin Street Pilot

From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
Date: Sat, 02 Jan 1999 09:06:18 -0500
To: htaprs@tapr.org
Message-ID: <368E27DA.3066D13F@worldnet.att.net>
Rendered body type: text/plain

Has anyone had any experience hooking up a D7 to a Garmin Street Pilot?
I assume there should be no problem as long as the Street Pilot can
output in the NMEA format which I believe that it can.

George Pappayliou W3GP

30. Re: [HTAPRS:75] TH-D7A and intermod

From: "Burnaby Radio Communications" <ve7cbt@home.com>
Date: Sat, 2 Jan 1999 13:44:39 -0800
To: <jvoisin@evcom.net>, <htaprs@tapr.org>
Message-ID: <001601be3699$19ae44a0$217f7018@local.rdc1.bc.wave.home.com>
Rendered body type: text/plain

Yes, I've been extremely impressed with the TH-D7A's intermod rejection on both VHF and UHF. It is very quiet, quieter that any other handheld in a long time, you'd almost have to go back to an 02at to find something as

good. Some of todays mobiles are worse. This is quite an unusual feat for
Kenwood, let's hope they keep it up.

Don, VE7CBT

>I had the occasion to take my D7 to downtown Orlando for the Citrus Bowl
>parade as we helped for the staging, this area is known to us as intermod
>alley, I was pleasantly surprise to see how quite the HT was. I hat another
>HT with me which was hooping and howling but not the D7 with API on.
>
>Jacques C. Voisin, KD4TWB, AAR4JI
>http://evcom.net/~jvoisin/kd4twb.htm
>e-mail: jvoisin@evcom.net
>
>

31. Re: Interesting TH-D7A problem;aprsserve Igating

From: David Cook <dacook@cityscape.net>
Date: Sun, 03 Jan 1999 13:01:38 -0600
To: jimgill@ix.netcom.com, HT APRS SIG <htaprs@tapr.org>
Message-ID: <368FBE91.22EC3BB3@cityscape.net>
Rendered body type: text/plain

Jim Gill wrote:

> I have discovered an interesting problem when using the WinAPRS special stations.txt file to Igate
selected stations heard on TCP to RF. If a station in your stations.txt file happens to be a TH-D7A (or
 possibly other Mic-E formatted stations?), and it is heard on TCP while you are acting as an Igate, the
 RF transmission from your station throws out the TH-D7A's TOCALL, crippling the position normally
encoded in the TOCALL. Witness the following copied from my History List while online with APRServe:
>
> KB9OQL-7>S9TX2P,KB9OQL,K9HGX*:`uCEl [/>TH-D7A
> >>>>>}KB9OQL-7>APRS,TCPIP,N0RMO*:`uCEl [/>TH-D7A
> N0RMO>APRSW,K0BOY-1*,WIDE,WIDE:}KB9OQL-7>APRS,TCPIP,N0RMO*:`uCEl [/>TH-D7A
> KB9OQL-7>APRS,TCPIP,N0RMO*:`uCEl [/>TH-D7A
>
> I intitially see the correct location for this station on my map from the first posit. But when my
local RF station reformats the packet for local transmission, the TOCALL is lost and he's no longer on
the right place on the map.
>
> Was this anticipated and might there be a fix?? Thanks,
>
> Jim N0RMO
> Omaha NE USA

Jim,
     This is strange. For some information on my end, I'm also running WinAPRS 2.2.2 beta in the IGATE
mode. My TH-D7A has been acting strange the last few days, not receiving/ack'ing messages and not
recognizing it's digi'ed packets so I did a total reset on it today. It seems back to normal now. I've
 placed your N0RMO-6 station (hopefully this is your TH-D7A) in my Stations.txt to see what happens on
my end. Thanks for bringing this to the SIG's attention.

--
David Cook - KB9OQL
"Why ask why? Drink BudDry!"
E-mail: dacook@cityscape.net
Web Homepage: http://www.cityscape.net/~dacook
See where my van is: http://map.aprs.net/kb9oql-15

32. Re: [HTAPRS:78] Re: Interesting TH-D7A problem;aprsserve Igating

From: Steve Dimse K4HG <k4hg@tapr.org>
Date: Sun, 3 Jan 1999 14:17:27 -0500
To: <dacook@cityscape.net>, <htaprs@tapr.org>
Message-ID: <199901031917.NAA28149@tapr.org>
Rendered body type: text/plain

This is the same problem with non-printing characters getting dropped on
the internet connection. The difference here is that WinAPRS then
transmits it on RF...

Steve K4HG

On 1/3/99 2:03 PM David Cook (dacook@cityscape.net) wrote:

>>
>> KB9OQL-7>S9TX2P,KB9OQL,K9HGX*:`uCEl [/>TH-D7A
>> >>>>>}KB9OQL-7>APRS,TCPIP,N0RMO*:`uCEl [/>TH-D7A
>> N0RMO>APRSW,K0BOY-1*,WIDE,WIDE:}KB9OQL-7>APRS,TCPIP,N0RMO*:`uCEl [/>TH-D7A
>> KB9OQL-7>APRS,TCPIP,N0RMO*:`uCEl [/>TH-D7A

>>
>> I intitially see the correct location for this station on my map from the
>first posit. But when my local RF station reformats the packet for local
>transmission, the TOCALL is lost and he's no longer on the right place on
>the map.
>>
>> Was this anticipated and might there be a fix?? Thanks,
>>
>> Jim N0RMO
>> Omaha NE USA
>
>Jim,
>   This is strange. For some information on my end, I'm also running
>WinAPRS 2.2.2 beta in the IGATE mode. My TH-D7A has been acting strange
>the last few days, not receiving/ack'ing messages and not recognizing it's
>digi'ed packets so I did a total reset on it today. It seems back to
>normal now. I've placed your N0RMO-6 station (hopefully this is your
>TH-D7A) in my Stations.txt to see what happens on my end. Thanks for
>bringing this to the SIG's attention.
>

33. gps connection problem?

From: Thomas Mahaney <fmarshal@mindspring.com>
Date: Sun, 03 Jan 1999 15:49:10 -0500
To: htaprs@tapr.org
Message-ID: <368FD7C6.23B588BE@mindspring.com>
Rendered body type: text/plain

Hi!
I think I may have a problem in that I can not get a gps rx (garmin
12xl; garmin 35; or motorola vp) data stream into the Kenwood D7. I
tried to wired the little cable that Kenwood supplied (tried several
different combinations) ; tried my pico gps cable with a adapter. NO
luck! Am I doing something wrong or do I have a bad radio?

Thanks for any help!

Tom Mmahaney
kd4dkw

34. Re: [HTAPRS:80] gps connection problem?

From: dave vanhorn <dvanhorn@cedar.net>
Date: Sun, 03 Jan 1999 16:01:10 -0500
To: fmarshal@mindspring.com, htaprs@tapr.org
Message-ID: <4.1.19990103155956.00cb3b40@192.168.0.1>
Rendered body type: text/plain

At 02:51 PM 1/3/99 -0600, Thomas Mahaney wrote:
>Hi!
>I think I may have a problem in that I can not get a gps rx (garmin
>12xl; garmin 35; or motorola vp) data stream into the Kenwood D7. I
>tried to wired the little cable that Kenwood supplied (tried several
>different combinations) ; tried my pico gps cable with a adapter. NO
>luck! Am I doing something wrong or do I have a bad radio?

Make sure the GPS is set to NMEA/NMEA, and the Kw menu 2-2 says NMEA
Mine is running with GPS-40, first try, no trouble.

35. PalmAprs+TH-D7A

From: Charles Richard <w4hfz@sprynet.com>
Date: Sun, 03 Jan 1999 16:12:57 -0500
To: htaprs@tapr.org
Message-ID: <368FDD59.630BE75B@sprynet.com>
Rendered body type: text/plain

For those of you that are interested, I've successfully interfaced a
3Com PalmPilot III running PalmAPRS to a TH-D7A. Very straightforward,
used the KPC-3 TNC settings in PalmAPRS, and otherwise followed the
interface instructions with PalmAPRS.
  This is an extremely compact packet station, well suited for portable
operations, and fun to operate. The ability to write (vice type)
messages and other inputs into the TH-D7A is especially nice.
  73 de Chas W4HFZ

36. RE: [HTAPRS:80] gps connection problem?

From: "Harry Burford" <hburford@airmail.net>
Date: Sun, 3 Jan 1999 18:53:45 -0600

To: <htaprs@tapr.org>
Message-ID: <000201be377c$ae5dae40$e96f6f6f@harry233>
Rendered body type: text/plain

1. Beep out the Kenwood cable. I had an open in the ground on mine
2. Make sure the radio TNC is turned on
3. Make sure the GPS is really sending data. I'm not sure about your
models, but on the Garmin 90 I'm using the I/O can be turned off.

hb

> -----Original Message-----
> From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Thomas
> Mahaney
> Sent: Sunday, January 03, 1999 2:52 PM
> To: htaprs@tapr.org
> Subject: [HTAPRS:80] gps connection problem?
>
>
> Hi!
> I think I may have a problem in that I can not get a gps rx (garmin
> 12xl; garmin 35; or motorola vp) data stream into the Kenwood D7. I
> tried to wired the little cable that Kenwood supplied (tried several
> different combinations) ; tried my pico gps cable with a adapter. NO
> luck! Am I doing something wrong or do I have a bad radio?
>
> Thanks for any help!
>
> Tom Mmahaney
> kd4dkw
>
>

37. [HTAPRS:82] PalmAprs+TH-D7A

From: Paul Malarcher <sherwin_malarcher@compuserve.com>
Date: Sun, 3 Jan 1999 19:56:51 -0500
Cc: HT APRS SIG <htaprs@tapr.org>
Message-ID: <199901031957_MC2-655D-4D2@compuserve.com>
Rendered body type: text/plain

OK, I've just about given up on building a PC cable for my 'D7A.... I am
trying to connect it to a P3 via a DeLorme GPS (should be same as modem)
cable.

Current configuration (9-pin D female) is:
TH-D7A   DB-9F
Shield   Pin 5
Red (ring)   Pin 2
White (tip)   Pin 3
                Pins 1,4,6 jumpered together
                Pins 7,8 jumpered together

No joy talking to Pacterm set to 9600 baud (or anything else)

Also, how did you tell TH-D7A to "downshift" to 4800?

Which pins do you have going where, and did you connect handshake lines??

Thanks, 73
Paul, WB2CNF

38. Re: [HTAPRS:84] PalmAprs+TH-D7A

From: Charles Richard <w4hfz@sprynet.com>
Date: Sun, 03 Jan 1999 21:52:42 -0500
To: sherwin_malarcher@compuserve.com, htaprs@tapr.org
Message-ID: <36902CFA.40B8794C@sprynet.com>
Rendered body type: text/plain

This is how I hooked mine up, and the logic that went into it:

Since I haven't gotten any more of the connectors for the TH-D7A yet, I
initially wired mine to be compatible with my existing cables and on
hand connectors

TH-D7A   DB-9 Male

Shield   Pin 5
White (Tip)   Pin 2

Red (Ring)   Pin 3

No other pins jumpered or used.

To hook up to the Palm Pilot, instead of using a modem cable, I used a
portable HotSync cable, and ran it through a null modem. A bit clumsy,
but it worked with what I had on hand. I'm in the process of making a
dedicated cable, and trying GPS/TH-D7A/PalmPilot all at the same time.
I did not hookup the handshaking lines, and PalmAprs has a 9600 bd
serial port setting that I used.

The Palm III I used is a stock unit, and the software is on the TAPR
(www.tapr.org) site. Probably the easiest way to get there is to follow
the "Looking for the latest APRS software?" link.

I note that I have not been able to get my Garmin 45 to input a position
into my TH-D7A yet. Most likely have something reversed somewhere, will
fix when I make that cable.

73 de Chas

39. RE: [HTAPRS:84] PalmAprs+TH-D7A (cable comments)

From: "Harry Burford" <hburford@airmail.net>
Date: Sun, 3 Jan 1999 21:37:53 -0600
To: <htaprs@tapr.org>
Message-ID: <000401be3793$9c48f5e0$e96f6f6f@harry233>
Rendered body type: text/plain

I have a cable for the Garmin terminating in a DB9 that plugs direct to the
PC. For the D7, I wired an adapter that goes from the 2.5mm plug to a DB9
that mates with the Garmin cable. I have not built a cable for the PC
connect on the D7 yet, but my thought is that I want the PC cable and GPS
cable for the D7 to be exactly the same and then adapt them to the devices
that I'm plugging up to them. It is interesting that the cable pinout for
the D7 is EXACTLY the same as the pinout for the adapter I made for the
PicoPacket GPS connector. Simply had to adapt the 3.5mm plug to 2.5mm and
it worked on the D7.

The Garmin pinout below is the one I wired at the other end from the round
connector on the GPS. The D7 pinouts are for the adapter cable.

PC	Garmin(DB9)	D7(DB9)	D7(GPS)
2(RD into PC)	2(out of Gps)	2(into D7)	Tip
3(SD out of PC)	3(into GPS)	3(out of D7)	Ring
5(gnd)	5(gnd)	5(gnd)	Shield

>From the D7 manual, page 53, it looks like the D7(PC) pinout is.

Tip	Pin2	Out of D7
Ring	Pin3	Into D7
Shield	Pin5	gnd

This tells me that one should be able to use the same 2.5mm to DB9 cable for
both a GPS and PC connection. Someone at Kenwood must have been thinking
about this as it doesn't look like you need any kind of null modem adapters
to switch pin 2 and 3. Just need to get the DB9 genders right.

Have not tried the PC part of the D7 but it sure looks like everything
should work. From the Pilot standpoint, the sync cable plugs direct into
the PC so pin 2 is out of the Pilot and pin 3 is into the pilot on the DB9.
This means that if you want to use the Pilot on the D7 PC connector, then
you must switch 2 and 3 in order to make them electrically correct. A null
modem adapter between the Pilot and the D7 should do that without having to
rewire cables.

hb

> -----Original Message-----
> From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Paul
> Malarcher
> Sent: Sunday, January 03, 1999 7:02 PM
> To: htaprs@tapr.org
> Subject: [HTAPRS:84] PalmAprs+TH-D7A
>
>
> OK, I've just about given up on building a PC cable for my 'D7A.... I am
> trying to connect it to a P3 via a DeLorme GPS (should be same as modem)
> cable.
>

> Current configuration (9-pin D female) is:
> TH-D7A   DB-9F
> Shield   Pin 5
> Red (ring)   Pin 2
> White (tip)   Pin 3
>   Pins 1,4,6 jumpered together
>   Pins 7,8 jumpered together
>
> No joy talking to Pacterm set to 9600 baud (or anything else)
>
> Also, how did you tell TH-D7A to "downshift" to 4800?
>
> Which pins do you have going where, and did you connect handshake lines??
>
> Thanks, 73
> Paul, WB2CNF
>
>

40. Re: [HTAPRS:84] PalmAprs+TH-D7A

From: Paul Malarcher <sherwin_malarcher@compuserve.com>
Date: Sun, 3 Jan 1999 23:29:36 -0500
To: HT APRS SIG <htaprs@tapr.org>
Message-ID: <199901032329_MC2-6561-AD61@compuserve.com>
Rendered body type: text/plain

Thanks, all for suggesting swapping 2 and 3. I was sure I had tried that
right off the bat, but I must have doen a double-swap or something equally
dumb. Now it works.

To say the KW manual is confusing on this point is an understatement... and
the note on Page 61 trying to describe the GPS cable is even worse.

For new user's future reference, here's what works:

"PC" Connection

TH-D7A	PC or Palm Modem	Palm Hotsync
2.5mm stereo	DB-9F	DB-9M
Tip (White)	2	3
Ring (Red)	3	2
Sleeve (shield)	5	5

GPS Connection (assuming GPS has DB-9M and is set up to plug into a PC)

TH-D7A	GPS
2.5mm stereo	DB-9M
Tip (White)	3
Ring (Red)	2
Sleeve (shield)	5

Hope this helps someone else avoid my frustration.

For you Garmin users out there... see http://www.pfranc.com for a connector
to mate with Garmin GPS's

Thanks again,
73,
Paul, WB2CNF

41. Eagle GPS compatible

From: W4LAW <w4law@mindspring.com>
Date: Mon, 04 Jan 1999 09:31:39 -0500
To: htaprs@tapr.org
Message-ID: <3690D0CB.EBEC1BF7@mindspring.com>
Rendered body type: text/plain

Since there have been discussions about the compatibility of several gps
units I thought some might be interested that my Eagle Explorer seems to
work just fine with the D7A.

Doug, W4LAW

42. apparent TH-D7A processor hang

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Mon, 04 Jan 1999 10:44:05 -0800
To: <htaprs@tapr.org>
Message-ID: <9901049154.AA915475716@ccgate.apl.com>
Rendered body type: text/plain

The other day I left my D7A on at home, beaconing every 30 min.
Location data came from a Garmin GPS-II+, and both GPS and D7A were
powered by a 50-amp (overkill, I suppose, but I didn't buy it for
this) Astron power supply with no other gear connected.

When I returned home, the Rx indicator LED was lit continuously, but
no audio came out when I turned up the volume. An attempt to shift
frequency did nothing, and hitting the power on/off button also did
nothing. So I turned the power supply off & back on, and everything
seemed to be fine after that.

Any ideas? Power irregularity? Bad incoming packet? Bad karma? Bad
dogma?

Neil Fullagar, KE6NCX
Training Officer
Alameda County (California) Sheriff's Communications Team (RACES)

43. Re: [HTAPRS:89] apparent TH-D7A processor hang

From: dave vanhorn <dvanhorn@cedar.net>
Date: Mon, 04 Jan 1999 14:12:43 -0500
To: neil_fullagar@ccgate.apl.com, htaprs@tapr.org
Message-ID: <4.1.19990104140944.00aecd60@192.168.0.1>
Rendered body type: text/plain

>Any ideas? Power irregularity? Bad incoming packet? Bad karma? Bad
>dogma?

I think your karma ran over your dogma?

The manual is very fuzzy on this, but it looks like the HT needs filtering
on the power unless it's a clean regulated supply. I wouldn't bet on clean
from a 50A supply, unless it's a switcher, and even then, properly loaded.

If someone has their filtered adaptor, or a schematic for it, then I could
say definitively what filtering would be needed on a "bare wire" cable to
make it work. Mine's been in constant use since tuesday, but only on
battery or regulated supplies, with no problems at all.

44. TH-D7A & WinAPRS 2.2.3

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Mon, 4 Jan 1999 22:06:31 -0500
To: "APRS SIG List Server" <aprssig@tapr.org>, "HTAPRS" <htaprs@tapr.org>
Message-ID: <NCBBINEHEKOFFAMOHNLHOEBMCIAA.bottomgun@mindspring.com>
Rendered body type: text/plain

I was disappointed to note that that the icon "W" for the TH-D7A was not
included in this release

45. dM data type indicator

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Mon, 4 Jan 1999 22:34:12 -0500
To: "HTAPRS" <htaprs@tapr.org>
Message-ID: <NCBBINEHEKOFFAMOHNLHKEBOCIAA.bottomgun@mindspring.com>
Rendered body type: text/plain

>From time to time when receiving data, I see the "dM" data type indicator.
This data type is not listed in table found page 63 on the manual. Any one
know what the meaning is?

Jay/KF4DBI

46. Re: [HTAPRS:92] dM data type indicator

From: Ken Bass <Ken@bassandco.com>
Date: Mon, 04 Jan 1999 22:57:29 -0500
To: bottomgun@mindspring.com
Cc: htaprs@tapr.org
Message-ID: <36918DA0.EF94F011@bassandco.com>
Rendered body type: text/plain

duplicate Message

Ken
K4EVH

Jay K. Jeffries wrote:

> >From time to time when receiving data, I see the "dM" data type indicator.
> This data type is not listed in table found page 63 on the manual. Any one
> know what the meaning is?
>
> Jay/KF4DBI

47. Re: [HTAPRS:92] dM data type indicator

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Mon, 4 Jan 1999 21:59:39 -0600
To: <bottomgun@mindspring.com>, <htaprs@tapr.org>
Message-ID: <005f01be3860$11ff1c20$010000a9@compaq>
Rendered body type: text/plain

>>From time to time when receiving data, I see the "dM" data type indicator.
>Jay/KF4DBI

I'm gonna guess dM=duplicate Message, as dP is duplicate Position if memory serves. I think dM might be
 for those bulletins and announcements (or duplicate msgs not yet acked) that get sent at the decaying
rate but your D7 has heard it already.

Hope that's right. The one I don't get is oM - I get those a lot. old Message??? Or maybe own
Message, which I think would show as MY PACKET instead. Oh well.

Jim N0RMO
Omaha NE

48. Re: [HTAPRS:92] dM data type indicator

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 4 Jan 1999 23:14:15 -0500 (EST)
To: "Jay K. Jeffries" <bottomgun@mindspring.com>
Cc: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901042313260.16659-100000@arctic>
Rendered body type: text/plain

On Mon, 4 Jan 1999, Jay K. Jeffries wrote:

> >From time to time when receiving data, I see the "dM" data type indicator.
> This data type is not listed in table found page 63 on the manual. Any one
> know what the meaning is?

Duplicate message. It is supposed to whow you that the packet you just
heard was a dupe of one you already have captured.

de WB4APR

49. TH-7D & GPS 35

From: Steve Boyle <sboyle@slip.net>
Date: Tue, 05 Jan 1999 00:43:46 -0800
To: htaprs@tapr.org
Message-ID: <3691D0C2.BA54104D@slip.net>
Rendered body type: text/plain

Received my Garmin 35LP HVS today. Wired it up to the the 7D and
nothing. I get
the flashing decimal point on the position screen, but it never locks.
It shows that
it is locked using Garmins NMEAWR app teed in. Has anyone got the 35 to
work with
their 7D?

Steve
kd6wxd

50. Re: [HTAPRS:96] TH-7D & GPS 35

From: Ken Bass <Ken@bassandco.com>
Date: Tue, 05 Jan 1999 08:24:50 -0500
To: sboyle@slip.net
Cc: htaprs@tapr.org
Message-ID: <369212A0.8ADB135@bassandco.com>
Rendered body type: text/plain

Several days ago I posted my report that the D7A would not work with a
Garmin 30PC. Same symptoms as you report for the 35LP.

I know the 30PC does not output the GLL sentence as part of its NMEA data
and apparently the D7A requires both RMC and GLL to get its fix.

My Garmin 45 works fine, but it does have a more robust NMEA output,

including the GLL sentence.

I would hope that Kenwood is monitoring these reports and that as we all
learn that there is no consistency in supposedly "NMEA 0183" compatible
equipment, that they will modify the D7A to attain a more universal
compatibility with the GPS receivers on the market today.

It is especially distressing to see that the Garmin 30/35 will not work
with the D7A since those units are ideal for "off the shelf" minimal APRS
requirements.

Ken
K4EVH

Steve Boyle wrote:

> Received my Garmin 35LP HVS today. Wired it up to the the 7D and
> nothing. I get
> the flashing decimal point on the position screen, but it never locks.
> It shows that
> it is locked using Garmins NMEAWR app teed in. Has anyone got the 35 to
> work with
> their 7D?
>
> Steve
> kd6wxd

51. Kenwoon and Garmin 30/35

From: rwf <rwf@BSRG.org>
Date: Tue, 05 Jan 1999 09:34:36 -0500
To: htaprs@tapr.org
Message-ID: <199901051438.JAA13245@cocacola-bh.cokecce.com>
Rendered body type: text/plain

Well I didn't believe it, but after the last two postings, I got out the
docs for the GPS35 PC units I used at the O-Lympics and sure 'nuf it is true.

The GPS 35 doesn't list $GPGLL as a supported sentence.
Shame on them, and SHAME ON KENWOOD if they require it.

I know of at least 1 preliminary Kenwood user that has a GPS 35 and maybe
even a 30 though.

Ralph
rwf@bsrg.org

52. D7A data cable

From: "Scott, John" <John.Scott@pcs.bls.com>
Date: Tue, 5 Jan 1999 10:16:27 -0500
To: htaprs@tapr.org
Message-ID: <DF3722EB2098D111B21F00805F9F0A0702246E42@ATL1EXCH1.pcs.bls.com>
Rendered body type: text/plain

Anyone know where I can get a replacement data cable for the D7A? The one
that came with my radio has an open, and I don't feel the very small gauge
wire is going to be very durable anyway. I have checked at Radio Shaft and
Tech America, but they don't seem to have the 3/32 connector.

-John
kd4vhg@radio.org

53. Re: [HTAPRS:92] dM data type indicator

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Tue, 5 Jan 99 10:21:50 EST
To: bottomgun@mindspring.com
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.915549710.alan@watsol>
Rendered body type: text/plain

> >From time to time when receiving data, I see the "dM" data type indicator.
> This data type is not listed in table found page 63 on the manual. Any one
> know what the meaning is?
>
> Jay/KF4DBI
>

duplicate Message, no?
/a

54. Re: [HTAPRS:99] D7A data cable

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Tue, 5 Jan 99 10:28:09 EST
To: John.Scott@pcs.bls.com
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.915550089.alan@watsol>
Rendered body type: text/plain

> Anyone know where I can get a replacement data cable for the D7A? The one
> that came with my radio has an open, and I don't feel the very small gauge
> wire is going to be very durable anyway. I have checked at Radio Shaft and
> Tech America, but they don't seem to have the 3/32 connector.
>
>   -John
>   kd4vhg@radio.org
>

Mouser Electronics sells the 2.5mm stereo plug on a short whip.
www.mouser.com.
73 de Alan N2YGK

55. Re: [HTAPRS:97] Re: TH-7D & GPS 35

From: Steve Boyle <sboyle@slip.net>
Date: Tue, 05 Jan 1999 08:35:35 -0800
To: Ken@bassandco.com, "htaprs@tapr.org" <htaprs@tapr.org>
Message-ID: <36923F57.5A99FDCB@slip.net>
Rendered body type: text/plain

OK, looks like the mystery is solved. The 35LP puts out a GLL sentence.
But its
the $LCGLL version (Loran-C). The D7 isn't looking for that one.

    Steve
kd6wxd

56. Re: TH-7D & GPS 35

From: Ron Reeves <reeves@worldaccessnet.com>
Date: Tue, 05 Jan 1999 08:58:56 -0800
To: Ken@bassandco.com
Cc: htaprs@tapr.org
Message-ID: <m0zxZoP-000dJWC@vortex.worldaccessnet.com>
Rendered body type: text/plain

Ken and others,
I just panicked and cancelled my order for a GPS 35, but after looking on the
Garmin website spec portion (you have to know where to go it is not obvious) I
found out that Version 2 puts out the following:

1.4.5 Interfaces
1) Dual channel CMOS/TTL level (-xVC versions) or RS-232 compatible level
(-xVS
versions), with
user selectable baud rate (300, 600,1200, 2400, 4800, 9600, 19200)
2) NMEA 0183 Version 2.0 ASCII output (GPALM, GPGGA, GPGSA, GPGSV, GPRMC,
GPVTG,
PGRME, PGRMT, PGRMV, PGRMF, LCGLL, LCVTG)

Does this mean that newer versions will work or what? Are the GPRMC and LCGLL
what the HT needs?

Ron Reeves
N7QXO
reeves@worldaccessnet.com

At 07:27 AM 1/5/99 -0600, you wrote:
>Several days ago I posted my report that the D7A would not work with a
>Garmin 30PC. Same symptoms as you report for the 35LP.
>
>I know the 30PC does not output the GLL sentence as part of its NMEA data
>and apparently the D7A requires both RMC and GLL to get its fix.
>

57. Re: [HTAPRS:103] Re: TH-7D & GPS 35

From: Steve Boyle <sboyle@slip.net>
Date: Tue, 05 Jan 1999 09:34:22 -0800
To: reeves@worldaccessnet.com

Cc: htaprs@tapr.org
Message-ID: <36924D1E.801C5821@slip.net>
Rendered body type: text/plain

No, the 7D DOES NOT like the $LCGLL sentence.

    If your only reason for getting the 35LP is to use with the D7. Then I would cancel your order. I think it will be a while before Kenwood will have an update for the NMEA incompatibilities. The are a lot of unit to qualify.

    Steve
    kd6wxd

Ron Reeves wrote:

> Ken and others,
> I just panicked and cancelled my order for a GPS 35, but after looking on the
> Garmin website spec portion (you have to know where to go it is not obvious) I
> found out that Version 2 puts out the following:
>
> 1.4.5 Interfaces
> 1) Dual channel CMOS/TTL level (-xVC versions) or RS-232 compatible level
> (-xVS
> versions), with
> user selectable baud rate (300, 600,1200, 2400, 4800, 9600, 19200)
> 2) NMEA 0183 Version 2.0 ASCII output (GPALM, GPGGA, GPGSA, GPGSV, GPRMC,
> GPVTG,
> PGRME, PGRMT, PGRMV, PGRMF, LCGLL, LCVTG)
>
> Does this mean that newer versions will work or what? Are the GPRMC and LCGLL
> what the HT needs?
>
> Ron Reeves
> N7QXO
> reeves@worldaccessnet.com
>
> At 07:27 AM 1/5/99 -0600, you wrote:
> >Several days ago I posted my report that the D7A would not work with a
> >Garmin 30PC. Same symptoms as you report for the 35LP.
> >
> >I know the 30PC does not output the GLL sentence as part of its NMEA data
> >and apparently the D7A requires both RMC and GLL to get its fix.
> >

58. HTAPRS

From: Carl Littlejohns <carl@ambrosia.demon.co.uk>
Date: Tue, 05 Jan 1999 17:40:53 GMT
To: htaprs@tapr.org
Message-ID: <VA.00000979.00590172@study>
Rendered body type: text/plain

Can anyone tell me if the Kenwood beastie allows you to
reprogram the BText from the keyboard, or do you need to
plug it into a 'puter...and is the interface a serial port
or something silly?

Carl
GW0TQM

59. Re: [HTAPRS:105] HTAPRS

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 05 Jan 1999 13:08:47 -0500
To: carl@ambrosia.demon.co.uk, htaprs@tapr.org
Message-ID: <4.1.19990105130521.00ad65c0@192.168.0.1>
Rendered body type: text/plain

At 11:45 AM 1/5/99 -0600, Carl Littlejohns wrote:
>Can anyone tell me if the Kenwood beastie allows you to
>reprogram the BText from the keyboard, or do you need to
>plug it into a 'puter...and is the interface a serial port
>or something silly?
>
>Carl
>GW0TQM

It's a serial port, Gnd, RXD and TXD. You can't change the BT text from the keyboard, or indeed do anything in pure packet mode without a terminal or computer. You CAN change the APRS status text (In the aprs beacon)

60. Re: [HTAPRS:106] Re: HTAPRS

From: Alan Crosswell <alan@columbia.edu>
Date: Tue, 5 Jan 99 13:52:24 EST
To: dvanhorn@cedar.net
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.915562344.alan@fozimane>
Rendered body type: text/plain

> At 11:45 AM 1/5/99 -0600, Carl Littlejohns wrote:
> >Can anyone tell me if the Kenwood beastie allows you to
> >reprogram the BText from the keyboard, or do you need to
> >plug it into a 'puter...and is the interface a serial port
> >or something silly?
> >
> >Carl
> >GW0TQM
>
>
> It's a serial port, Gnd, RXD and TXD. You can't change the BT text from the
> keyboard, or indeed do anything in pure packet mode without a terminal or
> computer. You CAN change the APRS status text (In the aprs beacon)
>
>
>

Also, the packet TNC has no memory, so you need to reset the parameters
every time you go into "real" TNC mode. MYCALL and one or two other items
that are configured into the APRS menu do get stuffed into the TNC at init
time.
/a

61. where is this list archived?

From: Alan Crosswell <alan@columbia.edu>
Date: Tue, 5 Jan 99 14:09:10 EST
To: htaprs@tapr.org
Message-ID: <CMM.0.90.4.915563350.alan@fozimane>
Rendered body type: text/plain

I couldn't find the list archive on the tapr web site. Is there an archive
set up?

73 de Alan N2YGK

62. RE: [HTAPRS:101] Re: D7A data cable

From: Alan Crosswell <alan@columbia.edu>
Date: Tue, 5 Jan 99 14:31:51 EST
To: <ekb@sprynet.com>
Cc: <alan@watsun.cc.columbia.edu>, htaprs@tapr.org
Message-ID: <CMM.0.90.4.915564711.alan@fozimane>
Rendered body type: text/plain

>Can you post the Mouser Part Number?   73, Ed

I knew someone was going to ask that next:-) Sorry for being lazy.
Catalog 596, page 108, http://www.mouser.com/catalog/cat_596/108.pdf
(go to page 118 when using acrobat viewer on the entire catalog):

It's a 72" shielded cord with a molded plug. I've only purchased the
straight plug (for a different project) but expect the right angle is
what you want for the D7 for better strain relief/protection:

172-2204	black stereo plug stripped and tinned	$2.97
172-2304	grey stereo plug stripped and tinned	$2.97
172-2010	black 90 degree stereo plug stripped and tinned	$3.96

73 de Alan N2YGK

PS: Mouser's latest PDF catalog is excellent, including a proper table
    of contents, web links, etc.

63. subscribe

From: Kenwood <cuyeda@ix.netcom.com>
Date: Tue, 05 Jan 1999 14:49:37 -0800
To: htaprs@tapr.org
Message-ID: <4.1.19990105144915.009464f0@199.182.120.3>
Rendered body type: text/plain

E-mail: cuyeda@ix.netcom.com

64. Re: [HTAPRS:109] HTAPRS dM data type indicator

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Tue, 05 Jan 1999 15:00:50 -0800
To: <htaprs@tapr.org>
Message-ID: <9901059155.AA915579522@ccgate.apl.com>
Rendered body type: text/plain

I believe it is in the manual, but anyway, it's duplicate message. Or
else I hallucinated that... It's pretty likely that if you (your D7A,
actually) hear a message pack once, you'll hear it again.

Neil KE6NCX

65. Kenwood are you listening?

From: Kevin Kelly <kkelly@radix.net>
Date: Tue, 05 Jan 1999 21:17:00 -0500
To: htaprs@tapr.org
Message-ID: <3692C79C.D72BB030@radix.net>
Rendered body type: text/plain

Greetings SIG,

"Soap box on"

I hate to say this but it has reached a point where Kenwood should do
the right thing and fix the incompatibility problem that exists with
some of the very popular GPS receivers and the TH-D7A. In particular the
Tripmate, Garmin GPS 30, GPS 36, and a few others. I realize that the
NMEA standard is vague, but there is enough commonality in the various
data formats to successfully support a very high percentage of GPS
receivers out there.

Fair enough, the Tripmate and the GPS 36 TrakPack are "more affordable"
than some units, but they are both very popular and work very good for
APRS applications and should be supported by the TH-D7A.

By doing the right thing, I'm not talking about "it will be fixed in the
next model sometime next year." I'm talking about next month! The very
talented members of these SIG's have done the research and leg work to
figure out what and where the problem is. So come on Kenwood get the
code fixed and set up a painless and cost free method for flashing the
firmware of the TH-D7A.

While the TH-D7A is a great little radio, the GPS incompatibility
problem is extremely annoying to me and detracts from the overall appeal
of the radio. After all, the great thing about the TH-D7A is it's APRS
appeal. What good is an APRS radio without it being able to work with
the majority of the installed base of GPS receivers?

In closing, before finalizing any new version of firmware, ask the
customer (by way of this SIG) what other upgrades/ommissions we would
like to see added, changed, or improved. The APRS and TH-D7A SIG's are
hotbeds of free talent and beta testers, not to mention they are free.
We are more than happy to provide input to the enhancement and
improvement of the TH-D7A! After all, we bought the radio on faith sight
unseen. Please don't let the "Early Adopters" pay the price for a
compatibility shortcoming.

"Soap box off"

Thanks for the bandwidth.

Bob Bruninga wrote:
>
> Kenwood engineers have duplicated the TRIPMATE problem and will figure out
> what to do. They confirmed being able to duplicate the problem just as
> they were going out the door for their upcoming holiday period that begins
> 29 Dec and runs through 5 Jan...
>
> bob, WB4APR

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab/index.htm

66. Re: [HTAPRS:112] Kenwood are you listening?

From: rwf <rwf@BSRG.org>
Date: Tue, 05 Jan 1999 23:21:05 -0500
To: htaprs@tapr.org
Message-ID: <199901060421.XAA11892@cocacola-bh.cokecce.com>
Rendered body type: text/plain

Whoops- I sent this to the APRSSIG by mistake.

Kevin-=

Why don't we identify all the items that need fixing, create a list, and
let them know all the bugs/quirks.
I'm sure that is what they expect to happen anyway.

I have dealt with them before on other quality control issues and they
always did the right thing.

I do know that the "right" people are listening!

By the way- The GPS 35 is not really any more affordable than anything
else. I'm disappointed that my two units will not work with the D7 as well.
 Affordable on not- they deserve to be supported.

73

Ralph Fowler
N4NEQ
Atlanta

At 08:20 PM 1/5/99 -0600, you wrote:
>Greetings SIG,
>
>"Soap box on"
>
>I hate to say this but it has reached a point where Kenwood should do
>the right thing and fix the incompatibility problem that exists with
>some of the very popular GPS receivers and the TH-D7A. In particular the
>Tripmate, Garmin GPS 30, GPS 36, and a few others. I realize that the
>NMEA standard is vague, but there is enough commonality in the various
>data formats to successfully support a very high percentage of GPS
>receivers out there.
>
>Fair enough, the Tripmate and the GPS 36 TrakPack are "more affordable"
>than some units, but they are both very popular and work very good for
>APRS applications and should be supported by the TH-D7A.
>
>By doing the right thing, I'm not talking about "it will be fixed in the
>next model sometime next year." I'm talking about next month! The very
>talented members of these SIG's have done the research and leg work to
>figure out what and where the problem is. So come on Kenwood get the
>code fixed and set up a painless and cost free method for flashing the
>firmware of the TH-D7A.
>
>While the TH-D7A is a great little radio, the GPS incompatibility
>problem is extremely annoying to me and detracts from the overall appeal
>of the radio. After all, the great thing about the TH-D7A is it's APRS
>appeal. What good is an APRS radio without it being able to work with
>the majority of the installed base of GPS receivers?
>
>In closing, before finalizing any new version of firmware, ask the
>customer (by way of this SIG) what other upgrades/ommissions we would
>like to see added, changed, or improved. The APRS and TH-D7A SIG's are
>hotbeds of free talent and beta testers, not to mention they are free.
>We are more than happy to provide input to the enhancement and
>improvement of the TH-D7A! After all, we bought the radio on faith sight
>unseen. Please don't let the "Early Adopters" pay the price for a
>compatibility shortcoming.
>
>"Soap box off"
>
>Thanks for the bandwidth.
>
>
>Bob Bruninga wrote:
>>

>> Kenwood engineers have duplicated the TRIPMATE problem and will figure out
>> what to do. They confirmed being able to duplicate the problem just as
>> they were going out the door for their upcoming holiday period that begins
>> 29 Dec and runs through 5 Jan...
>>
>> bob, WB4APR
>
>
>--
>73,
>Kevin Kelly/N6QAB
>http://www.qsl.net/n6qab/index.htm
>

67. RE: [HTAPRS:99] D7A data cable

From: "Harry Burford" <hburford@airmail.net>
Date: Wed, 6 Jan 1999 00:27:03 -0600
To: <htaprs@tapr.org>
Message-ID: <000d01be393d$92e4a980$e96f6f6f@harry233>
Rendered body type: text/plain

Do a search of the extremely handy and useful TAPR sig archives. Mouser has the 172-2010 for $3.96 each. Look at their web site for the catalog page. They are 90 degree 2.5mm 3 wire plugs with the pig tail as the stock Kenwood cable but the wire is said to be better. I had an open on my Kenwood cable as well and just ordered several of the Mouser cables today. They aparently have quite an inventory.

hb

> -----Original Message-----
> From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Scott, John
> Sent: Tuesday, January 05, 1999 9:20 AM
> To: htaprs@tapr.org
> Subject: [HTAPRS:99] D7A data cable
>
>
> Anyone know where I can get a replacement data cable for the D7A? The one
> that came with my radio has an open, and I don't feel the very small gauge
> wire is going to be very durable anyway. I have checked at Radio
> Shaft and
> Tech America, but they don't seem to have the 3/32 connector.
>
>   -John
>   kd4vhg@radio.org
>
>

68. RE: [HTAPRS:104] Re: TH-7D & GPS 35

From: "Harry Burford" <hburford@airmail.net>
Date: Wed, 6 Jan 1999 00:33:24 -0600
To: <htaprs@tapr.org>
Message-ID: <000e01be393e$765b40c0$e96f6f6f@harry233>
Rendered body type: text/plain

Thank you APRS sig!

I was planning to order 2 GPS35's today but got busy at work. It sure looked like what I was looking for in a GPS to mate with the D7. Guess I'll continue with the GPS-90 for now and see how this GPS 35 thing plays out. Keep posting your experiences....

hb

> -----Original Message-----
> From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Steve Boyle
> Sent: Tuesday, January 05, 1999 11:39 AM
> To: htaprs@tapr.org
> Subject: [HTAPRS:104] Re: TH-7D & GPS 35
>
>
>   No, the 7D DOES NOT like the $LCGLL sentence.
>
>   If your only reason for getting the 35LP is to use with the
> D7. Then I would
> cancel your order. I think it will be a while before Kenwood will
> have an update

> for the NMEA incompatibilities. The are a lot of unit to qualify.
>
>   Steve
>   kd6wxd
>
> Ron Reeves wrote:
>
> > Ken and others,
> > I just panicked and cancelled my order for a GPS 35, but after
> looking on the
> > Garmin website spec portion (you have to know where to go it is
> not obvious) I
> > found out that Version 2 puts out the following:
> >
> > 1.4.5 Interfaces
> > 1) Dual channel CMOS/TTL level (-xVC versions) or RS-232
> compatible level
> > (-xVS
> > versions), with
> > user selectable baud rate (300, 600,1200, 2400, 4800, 9600, 19200)
> > 2) NMEA 0183 Version 2.0 ASCII output (GPALM, GPGGA, GPGSA,
> GPGSV, GPRMC,
> > GPVTG,
> > PGRME, PGRMT, PGRMV, PGRMF, LCGLL, LCVTG)
> >
> > Does this mean that newer versions will work or what? Are the
> GPRMC and LCGLL
> > what the HT needs?
> >
> > Ron Reeves
> > N7QXO
> > reeves@worldaccessnet.com
> >
> > At 07:27 AM 1/5/99 -0600, you wrote:
> > >Several days ago I posted my report that the D7A would not work with a
> > >Garmin 30PC. Same symptoms as you report for the 35LP.
> > >
> > >I know the 30PC does not output the GLL sentence as part of
> its NMEA data
> > >and apparently the D7A requires both RMC and GLL to get its fix.
> > >
>
>
>
>

69. Re: GPGLL or LCGLL

From: rwf <rwf@BSRG.org>
Date: Wed, 06 Jan 1999 08:58:15 -0500
To: htaprs@tapr.org
Message-ID: <Version.32.19990106081422.00ebc090@ccegate.cokecce.com>
Rendered body type: text/plain

The sentences beginning with L are LORAN formatted. Devices expecting GPS sentences will not accept them.
Sentences beginning with G are GPS sentences.
The 35 outputs GLL, but only in the Loran context.

The 36 is the same guts as the 35, but I believe it is white in color for marine use. It does not matter- they are that same engine.

The docs do not list GPGLL as a sentence that can be activated in that model GPS.

If anyone is interested in seeing the GPS 35/36 documentation, I have it on my web site in PDF format and downloadable as a ZIP file:

http://BSRG.org

Just go to the APRS area and select "Garmin Page"

70. D7A bug/improvement web page

From: rwf <rwf@BSRG.org>
Date: Wed, 06 Jan 1999 09:08:37 -0500
To: htaprs@tapr.org

Message-ID: <Version.32.19990106085850.00e5acf0@ccegate.cokecce.com>
Rendered body type: text/plain

I would love to do it myself, but lacking the time, I think that one of the persons with a D7A web page should add a distinct page with the known bugs (including documentation of how to demonstrate the bug) along with the "wish list" for any improvements.

It would be updated as new problems were verified and would serve as a point of contact for Kenwood to monitor as we purchasers "Beta Test" this radio.

I would like to suggest that Dave VanHorn handle this, since he seems to have the first and most informational D7 page and he has already sort of got such an area.

It is located at: http://www.cedar.net/users/dvanhorn/Kenwood.html

How about it Dave?

71. Re: [HTAPRS:117] D7A bug/improvement web page

From: dave vanhorn <dvanhorn@cedar.net>
Date: Wed, 06 Jan 1999 09:37:59 -0500
To: rwf@bsrg.org, htaprs@tapr.org
Message-ID: <4.1.19990106093524.00a41530@192.168.0.1>
Rendered body type: text/plain

At 08:11 AM 1/6/99 -0600, rwf wrote:
>I would love to do it myself, but lacking the time, I think that one of the
>persons with a D7A web page should add a distinct page with the known bugs
>(including documentation of how to demonstrate the bug) along with the
>"wish list" for any improvements.

I'm on it. The hardest thing about this is to differentiate between a "bug" and an "enhancement".
I'll sweep through what I've got now, and make a first cut.

Working definitions:
Bug: Something that is documented to work, but dosen't.
Enhancement: Not in the docs, "Would be nice if"...

72. TH-D7A Wish list item

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 6 Jan 1999 08:23:45 -0600
To: <htaprs@tapr.org>
Message-ID: <000c01be3984$2e144820$0100a8c0@compaq>
Rendered body type: text/plain

Kenwood:

Something to add to your "wish-list" of user requests:

How about a way to "lock" certain stations in the LIST so they don't scroll off? There might be a station I haven't heard for days but sure would like to still have their data in memory. The LIST may have filled and dumped some stations on busy networks forcing the desired station off the list. You could keep up with it and delete stations as they come in to keep room, but a "keep" or "lock" station function would be nice. Maybe have it limited to only a few "locked" so you wouldn't keep the HT from keeping anything new, and the feature wouldn't be activated unless you set it - kind of like lock-out for skipping certain channels while scanning.

As long as you're doing firmware changes...

Thanks,

Jim   N0RMO
Omaha NE USA
user of (2) D7's

73. Re: [APRSSIG:32507] Re: GPGLL or LCGLL (Was: Kenwood are you listening?)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 6 Jan 1999 10:24:10 -0500 (EST)
To: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901061012050.4937-100000@arctic>
Rendered body type: text/plain

> $GPGLL is an output sentence from a GPS sensor. $LCGLL is an output
> from a Loran-C.

>
>   The D7 [reasonably] looks for $GPGLL.

I think Kenwood looks for ALL "GPS" position sentences, $GPRMC first, then
$GPGGA, then $GPGLL. I think the problem is the extra digits in the $GPRMC
and $GPGGA from some units causes it to ignore them. But that is why it
also looks for $GPGLL (the oldest format) as a last resort. The fact that
Garmin put in the LORAN version of GLL violates the principle of least
astonishment.

de WB4APR

74. Sorry- wrong URL...

From: rwf <rwf@BSRG.org>
Date: Wed, 06 Jan 1999 10:26:33 -0500
To: htaprs@tapr.org
Message-ID: <199901061526.KAA19056@cocacola-bh.cokecce.com>
Rendered body type: text/plain

Sorry
You are right, and someone also posted the correction:

http://www.cedar.net/users/dvanhorn/kenwood.html

I found out what happened.
When I sent that first message, the Eudora *Spell Checker* changed the k
to a K. It outsmarted me. I must have neglected to hit "ignore"

AC6JA sex:
i'm not able to access this site. you sure the address is correct?
mike ac6ja

75. Re: [HTAPRS:112] Kenwood are you listening?

From: Alan Crosswell <alan@columbia.edu>
Date: Wed, 6 Jan 99 10:31:44 EST
To: kkelly@radix.net
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.915636704.alan@fozimane>
Rendered body type: text/plain

Didn't somebody recently report on this list that he had a Tripmate *working*
with the D7?
/a

76. Bugs/Enhancements list

From: dave vanhorn <dvanhorn@cedar.net>
Date: Wed, 06 Jan 1999 10:41:57 -0500
To: aprssig@tapr.org, htaprs@tapr.org
Message-ID: <4.1.19990106103242.00a17540@192.168.0.1>
Rendered body type: text/plain

I put this to both lists since I still see a lot of D7 traffic on APRSSIG.
I've reworked the firmware page to two categories, Bugs, and Enhancements.

Bugs should be kept either to things that do not work as documented, or
serious omissions, like the GPGLL and tripmate problems, where one would
expect it to work, but the documents don't explicitly state so.

As usual, the enhancements list is much longer than the bugs list. I've
also had the suggestion for "Quirks", things that aren't documented, but
are useful, and might not stay in the next version unless adopted as an
official feature. I don't have and examples of that one yet, so it's not
active.

It's easier if you email me directly on these things, but I'll try to
extract them from the SIG traffic. Please go over the pages frequently, as
I'm trying to keep up to speed on several "issues in progress", which may
end up being bugs, or enhancements, or "too bad, so sad".. If you see
something that I've missed in resolving any of these issues, please mail me
on it. I'm trying to keep this as up-to-date as possible.

Once again, it's at http://www.cedar.net/users/dvanhorn/kenwood.html

77. Re: [HTAPRS:121] Sorry- wrong URL...

From: dave vanhorn <dvanhorn@cedar.net>
Date: Wed, 06 Jan 1999 10:46:19 -0500
To: rwf@bsrg.org, htaprs@tapr.org
Message-ID: <4.1.19990106104556.009abae0@192.168.0.1>
Rendered body type: text/plain

>http://www.cedar.net/users/dvanhorn/kenwood.html
>
>I found out what happened.
>When I sent that first message, the Eudora *Spell Checker* changed the k
>to a K. It outsmarted me. I must have neglected to hit "ignore"

They've got to EARN that "K" :)

78. Firmware updates?

From: "Tim Russell" <timruss@home.com>
Date: Wed, 6 Jan 1999 13:31:23 -0600
To: <htaprs@tapr.org>
Message-ID: <000401be39ab$254ac300$1000000a@omaha01>
Rendered body type: text/plain

Here's a question from someone who just hopped in and is awaiting his D7: with all the talk about firmware changes, what's Kenwood's policy going to be on firmware updates for this unit? Is it flashable, or will the HT have to be sent back to Kenwood for updates, and if so, what will it cost?

    Can't wait to get mine! Associated Radio, by the way, has them for $429.95, just got 'em in yesterday. www.associatedradio.com, they're good guys in Kansas City and seemed quite excited to play with their demo model.

73, Tim, N0ZHY

79. WHERE IS THE KENWOOD SOFTWARE for the D7?

From: "Hufford, Kent V., Mr., IMCEN" <HuffoKV@hqda.army.mil>
Date: Wed, 6 Jan 1999 15:24:52 -0500
To: "'htaprs@tapr.org'" <htaprs@tapr.org>
Message-ID: <E1D2C8772E32D21190FA0000F805F2E6024F6CD1@DADC023>
Rendered body type: text/plain

OK, I've had a D7 for over two weeks now.

- My First KENWOOD HT (have owned 2 ICOMS, 1 ALINCO, 2 YASUEs). I would not buy another KENWOOD HT except for the DATA radio being great.

- MY D7 locks up like lots of others only when I start the car with the radio turned on.

- Went out and bought 10 2.5mm STEREO plug/cables from MOSELY. Wired them up, works great.

- Built up a "Purple"(POP) GARMIN 45 connector and plugged in into my KENWOOD, works GREAT!!!!!!

- Built up the "PC" cable, plugged into my PC, used HyperTerminal from widows to use the TNC, works GREAT!!

- Watched the PACKETCLUSTER part of my KENWOOD work as advertised, GREAT!!

****** BUT, WHERE IS THE KENWOOD SOFTWARE TO LOAD AND MANAGE THE D7??? It's not on the KENWOOD FTP site, nor on any store shelves. Does the CHOSEN few have the software??

Kent
KQ4KK

80. Stuff

From: joe.lagreek@edwardjones.com
Date: Wed, 06 Jan 1999 14:28:58 -0600
To: htaprs@tapr.org
Message-ID: <H00001ff00a5e6cb@MHS>
Rendered body type: text/plain

Been on vacation, so I just got caught up with all my mail.

Flame suit on

1) I like my D7. Yes it could always be better, but I like it just as it is. Thank you Kenwood for a

great HT.

2) Standards are standards, if a company does not follow them then to bad. As a programmer for over 25 years you must follow standards. I own two Tripmates, I wish they would work, but if they don't, I get over it and move on. The D7 works fine with my II+, once my cable was put together correctly.

3) Technology is nice but you still can't fit 5 pounds of coal in a 1 pound sack. Meaning, there is only so much ROM available. All these enhancements and "bugs" may not be able to be added or fixed because there just isn't room for the code. Remember there are 2 other functions that this HT does, the SSTV and Remote Control. All that code takes room. And don't suggest Kenwood remove that code to enhance the APRS code. They want to sell this HT to multiple segments of the ham world.

4) Sorry Kenwood, but you supplied cable is not very good. The ones from Mouser are much better. When I first ordered mine Mouser, they had over 1000 in stock. I saw a comment about they had 800 a few days ago. Us D7 users must have them scratching there heads as to why all of a sudden these cables are moving so fast. I have ordered 20 of them so far to split up between 3 D7 owners. Ordering 10 at a time the cost is $3.618 per cable with shipping.

Every one who see this HT gets that "I want one" look in there eyes. I demo'ed it to my counties EMA staff and they were very impressed. I connected to our RACES bbs with the just the HT and my Palm Pilot while sitting in the EOC.

Flame suit off

73 de N0OTM

Joe LaGreek
Information Systems
Edward Jones
201 Progress Parkway
Maryland Heights, MO 63043
Phone: (314) 515-2721
Fax: (314) 515-4659
E-mail: joe.lagreek@edwardjones.com

****
Note: Any opinions or comments stated here
are those of my own, and do not represent my
employer.
****

81. TNC documentation

From: Alan Crosswell <alan@columbia.edu>
Date: Wed, 6 Jan 99 16:44:56 EST
To: htaprs@tapr.org
Message-ID: <CMM.0.90.4.915659096.alan@fozimane>
Rendered body type: text/plain

Anybody know if there's a reference manual for the D7's TNC command set? Besides not understanding what some of the TNC commands do, I also wonder how KISS is supposed to work if the flow control is XON-XOFF? XON and XOFF are of course valid characters in a KISS binary datastream. I was made to wonder this by a VE exam canidate at my last session!
/a

82. Re: [HTAPRS:128] TNC documentation

From: dave vanhorn <dvanhorn@cedar.net>
Date: Wed, 06 Jan 1999 17:08:58 -0500
To: alan@columbia.edu, htaprs@tapr.org
Message-ID: <4.1.19990106170348.009ada20@192.168.0.1>
Rendered body type: text/plain

At 03:47 PM 1/6/99 -0600, Alan Crosswell wrote:
>Anybody know if there's a reference manual for the D7's TNC command
>set? Besides not understanding what some of the TNC commands do, I
>also wonder how KISS is supposed to work if the flow control is
>XON-XOFF? XON and XOFF are of course valid characters in a KISS
>binary datastream. I was made to wonder this by a VE exam canidate at
>my last session!
>/a

Other than the one in the manual?
That's an interesting question re flow control, there's no way to do hardware, and as you say, you dare not enable Xon/Xoff if those chars are allowed in the data stream.

83. Re: [HTAPRS:128] TNC documentation

From: "Steven R. Bible" <n7hpr@amsat.org>
Date: Wed, 06 Jan 1999 18:06:32 -0500
To: htaprs@tapr.org
Message-ID: <3.0.6.32.19990106180632.009762b0@pop.gate.net>
Rendered body type: text/plain

At 03:47 PM 1/6/99 -0600, you wrote:
>Anybody know if there's a reference manual for the D7's TNC command
>set? Besides not understanding what some of the TNC commands do, I
>also wonder how KISS is supposed to work if the flow control is
>XON-XOFF? XON and XOFF are of course valid characters in a KISS
>binary datastream. I was made to wonder this by a VE exam canidate at
>my last session!

An explaination of the KISS protocol is in the 6th Computer Networking
Confrence. Here is the abstract from the proceedings:

The KISS TNC: A Simple Host-to-TNC Communications Protocol
by Mike Chepponis, K3MC, Phil Karn, KA9Q
Abstract: The KISS TNC provides direct computer to TNC communication using
a simple protocol described here. Many TNCs now implement it, including the
TAPR TNC-1 and TNC-2 (and their clones), the venerable VADCG TNC, the AEA
PK-232/PK-87 and all TNCs in the Kantronics line. KISS has quickly become
the protocol of choice for TCP/IP operation and multi-connect BBS software.

And in the 8th CNC:

Multi-Drop KISS Operation
by Karl Medcalf, WK5M
Abstract: John Wiseman (G8BPQ) has developed a multi-drop KISS protocol,
allowing several TNCs to be connected to a single serial I/O port while
operating KISS mode.

 - Steve
 (n7hpr@tapr.org)
 (n7hpr@amsat.org)

84. D7 to Palm Pilot connection

From: joe.lagreek@edwardjones.com
Date: Wed, 06 Jan 1999 17:01:39 -0600
To: htaprs@tapr.org, aprssig@tapr.org
Message-ID: <H00001ff00a6aa04@MHS>
Rendered body type: text/plain

I'm sending this to both sigs in case some folks haven't subscribed to the HT list yet.

I found out from Mike, N0QBF that the Palm connector come apart. With a little prying the top comes off.
 At that point you have a top and bottom half and a PC board with a connector. I de-soldered the cable
with the DB25 (or DB9 depending on which cable you are going to sacrifice) and removed the strain
relief. Took one of my Mouser cables, connected the shield to pin 10, the white wire to 3, the red to
pin 5. A little tape or heat shrink to make the cable thicker for the strain relief and I now have a
2.5mm plug to PP cable with no dbxx plugs in the middle. This cable work fine for both PalmAPRS and
straight packet.

For a reference go to www.palm.com/devzone/hdk/images/cableser.gif
This is the Palm developers page with a schematic of a serial cable. There is also lots of other goodies
 in this section about the PP hardware.

Joe LaGreek
Information Systems
Edward Jones
201 Progress Parkway
Maryland Heights, MO 63043
Phone: (314) 515-2721
Fax: (314) 515-4659
E-mail: joe.lagreek@edwardjones.com

****
Note: Any opinions or comments stated here
are those of my own, and do not represent my
employer.
****

85. Re: [HTAPRS:126] WHERE IS THE KENWOOD SOFTWARE for the D7?

From: Kenwood <cuyeda@ix.netcom.com>
Date: Wed, 06 Jan 1999 15:23:30 -0800
To: HuffoKV@hqda.army.mil, htaprs@tapr.org
Message-ID: <4.1.19990106152143.00977880@199.182.120.3>
Rendered body type: text/plain

Software is in th beta testing stage and should be available soon. When
available, Kenwood will put it on the ftp site for download. The final
release will be sold with the PG-4W cable.

73, Kenwood

At 02:35 PM 1/6/99 -0600, Hufford, Kent V., Mr., IMCEN wrote:
>OK, I've had a D7 for over two weeks now.
>
>- My First KENWOOD HT (have owned 2 ICOMS, 1 ALINCO, 2 YASUEs). I would not
>buy another KENWOOD HT except for the DATA radio being great.
>
>- MY D7 locks up like lots of others only when I start the car with the
>radio turned on.
>
>- Went out and bought 10 2.5mm STEREO plug/cables from MOSELY. Wired them
>up, works great.
>
>- Built up a "Purple"(POP) GARMIN 45 connector and plugged in into my
>KENWOOD, works GREAT!!!!!!
>
>- Built up the "PC" cable, plugged into my PC, used HyperTerminal from
>widows to use the TNC, works GREAT!!
>
>- Watched the PACKETCLUSTER part of my KENWOOD work as advertised, GREAT!!
>
>****** BUT, WHERE IS THE KENWOOD SOFTWARE TO LOAD AND MANAGE THE D7??? It's
>not on the KENWOOD FTP site, nor on any store shelves. Does the CHOSEN few
>have the software??
>
>
>
>Kent
>KQ4KK
>

86. RE: [HTAPRS:131] D7 to Palm Pilot connection

From: "Bob Oesterlin" <oester@millcomm.com>
Date: Wed, 6 Jan 1999 19:21:09 -0600
To: <htaprs@tapr.org>
Message-ID: <000101be39dc$020c4720$af09a3d1@oester>
Rendered body type: text/plain

After looking at this URL:

http://www.palm.com/devzone/hdk/images/cableser.gif

I see the connector has a 3.3 V pin on it. This begs the questions - why not
build a combo power/serial cable for the pilot? Does anyone know if you can
feed 3.3 V thru this connection to power the Palm?

Bob Oesterlin N0EST

87. Re: [HTAPRS:128] TNC documentation

From: John Vause <jdv@iglou.com>
Date: Wed, 06 Jan 1999 21:02:24 -0500
To: alan@columbia.edu
Cc: htaprs@tapr.org
Message-ID: <369415B0.4356@iglou.com>
Rendered body type: text/plain

I'd like to know what PORTOUT $0000 refers to. You can see this if you
connect the D7A to a pc, start a terminal program and then turn on the
D7A. The PORTOUT cmd is is not documented in the D7A manual.
What other undocumented TNC commands (if any) are there?

73

Alan Crosswell wrote:
>
> Anybody know if there's a reference manual for the D7's TNC command
> set? Besides not understanding what some of the TNC commands do, I
> also wonder how KISS is supposed to work if the flow control is
> XON-XOFF? XON and XOFF are of course valid characters in a KISS

> binary datastream. I was made to wonder this by a VE exam canidate at
> my last session!
> /a

--
* John Vause KF4ERV jdv@iglou.com *
--

88. D7 Weather info - can't display below zero temps!

From: "Bob Oesterlin" <oester@millcomm.com>
Date: Wed, 6 Jan 1999 20:35:13 -0600
To: <htaprs@tapr.org>
Message-ID: <000101be39e6$72f3e380$0100007f@oester>
Rendered body type: text/plain

Hmm - The D7 can't display temps below zero (we get a lot of those here!).
All you get is a temp of
"---f". Another one for the "nice to be fixed" list.

Bob Oesterlin N0EST

89. erasing messages

From: Ann Reeves <annr@iea.com>
Date: Wed, 06 Jan 1999 18:57:29 -0800
To: htaprs@tapr.org
Message-ID: <36942298.A1863384@iea.com>
Rendered body type: text/plain

Has anyone figured out how to erase the messages stored in the THD7???

It drives me crazy to keep reading those same old messages over and over when I
only have one new one.

Ann WA7ROS

90. TH-D7A ANTENNA CONNECTOR?

From: David Dobbins <ddobbins@localaccess.com>
Date: Wed, 06 Jan 1999 21:16:44 -0800
To: htaprs@tapr.org
Message-ID: <3694433D.3308@localaccess.com>
Rendered body type: text/plain

Can someone confirm the antenna connector that I need for the TH-D7A so
I can use an external BNC antenna. Is it the Amphenol SMA to BNC. Mouser
has these but the quoted price was about $31. Want to make sure I get
this right before ordering it (and the 2.5mm cable). Thanks, Dave.

91. Re: [HTAPRS:137] TH-D7A ANTENNA CONNECTOR?

From: dave vanhorn <dvanhorn@cedar.net>
Date: Thu, 07 Jan 1999 00:30:09 -0500
To: ddobbins@localaccess.com, htaprs@tapr.org
Message-ID: <4.1.19990107002937.00a33970@192.168.0.1>
Rendered body type: text/plain

At 11:18 PM 1/6/99 -0600, David Dobbins wrote:
>Can someone confirm the antenna connector that I need for the TH-D7A so
>I can use an external BNC antenna. Is it the Amphenol SMA to BNC. Mouser
>has these but the quoted price was about $31. Want to make sure I get
>this right before ordering it (and the 2.5mm cable). Thanks, Dave.

The connector on the radio is SMA.

92. Re: [HTAPRS:138] Re: TH-D7A ANTENNA CONNECTOR?

From: bobj <bobj@mediaone.net>
Date: Thu, 07 Jan 1999 08:32:57 -0500
To: dvanhorn@cedar.net
Cc: htaprs@tapr.org
Message-ID: <3694B789.13886BF2@mediaone.net>
Rendered body type: text/plain

SMA

AES has a SMA to BNC connector by Yeasu for around $10 ea., I bought 2 and
they work fine...

dave vanhorn wrote:

> At 11:18 PM 1/6/99 -0600, David Dobbins wrote:
> >Can someone confirm the antenna connector that I need for the TH-D7A so
> >I can use an external BNC antenna. Is it the Amphenol SMA to BNC. Mouser
> >has these but the quoted price was about $31. Want to make sure I get
> >this right before ordering it (and the 2.5mm cable). Thanks, Dave.
>
> The connector on the radio is SMA.

93. Re: TH-D7A ANTENNA CONNECTOR?

From: Rob Wittner <rmw@rwa-inc.com>
Date: Thu, 07 Jan 1999 09:37:56 -0500
To: htaprs@tapr.org
Message-ID: <3694C6C4.FDEBA660@rwa-inc.com>
Rendered body type: text/plain

Instead of $10, how about $3.95 from the same place? AES has a cheaper
one... here's a line from their on-line catalog.

AIM 293855   AIM BNC FEMALE TO SMA MALE   3.95

I bought several of these, and they work great on mine and two other
D7's.

Hope this helps keep a little more of the green stuff in your wallet!

73

     -Rob
      KZ5RW

bobj wrote:
>
> SMA
>
> AES has a SMA to BNC connector by Yeasu for around $10 ea., I bought
> 2 and they work fine...
>

94. Re: [HTAPRS:137] TH-D7A ANTENNA CONNECTOR?

From: Alan Crosswell <alan@columbia.edu>
Date: Thu, 7 Jan 99 10:33:03 EST
To: ddobbins@localaccess.com
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.915723183.alan@fozimane>
Rendered body type: text/plain

> Can someone confirm the antenna connector that I need for the TH-D7A so
> I can use an external BNC antenna. Is it the Amphenol SMA to BNC. Mouser
> has these but the quoted price was about $31. Want to make sure I get
> this right before ordering it (and the 2.5mm cable). Thanks, Dave.
>

Yes, but you can get it for $7 or $8 unless you own stock in AMP:-)

HRO sells them. It's a Yaesu part. Yaesu started using SMA's on their HTs
a couple of years ago I believe. I think I paid something like $9 at the
Delaware store. Boy there's a lot of APRS right there. Was getting postis
out the wazoo on my D7:-)
/a

95. Re: [HTAPRS:48] HT problems?

From: Greg Kulosa <greg@gnac.com>
Date: Thu, 7 Jan 1999 16:15:04 -0800
To: htaprs@tapr.org
Message-ID: <19990107161504.A470@sharra.main.gnac.com>
Rendered body type: text/plain

> 2. While driving in my 92 Ford Ranger or 98 Honda Accord I am not getting
> any APRS packet decoding. As soon as I shut off the vehicle or am stopped
> at a light, then I start rxing position updates. I have noticed with other
> radios that both vehicles while running seem to generate static on my FT-50
> and my scanner. Anyone have any solutions?

I had a similar problem in my 1972 Ford F250 Pick-up. Unless I was
listening to a REALLY strong signal, you could hear a "popping" type
sound from the ignition which got quicker when I revved the engine.

I tried all sorts of things; grounding the hood, toroid coils across
the power supply, running off a seperate battery (in fact, even my HT

running off it's own battery could hear the noise), moving the antenna
to the rear bumber, etc. NONE of these things really worked.

Finally, I was mucking about with the Ignition coil. Turns out that
the leads were reversed. Plus went to Minus and Minus went to Plus.
(The wire to the center of the distributor was fine). Truck ran just
fine, but the ignition coil was acting like a transmitter.

I fixed the wiring, and the noise got MUCH quieter. I can now copy
folks with LOW signal (1-2 bars), without hearing the engine noise.

(BTW, the radio in my truck was a Kenwood V7-A mobile, mounted behind the
seat). However, my Standard HT could hear the noise too, while not even
wired to anything. The noise started around 5-10 feet from the truck.

So, take a look at the ignition coil.

> Thanks
> Andy

--
Greg A. Kulosa | "The avalanche has already started, it is too
Systems Administrator | late for the pebbles to vote." - Ambassador Kosh
GNAC, Inc. |____
greg@gnac.com   999 Main Street - Redwood City, CA 94063

96. RE: [HTAPRS:122] Re: Kenwood are you listening?

From: "Kevin Kelly" <kkelly@radix.net>
Date: Fri, 8 Jan 1999 06:56:10 -0500
To: "Htaprs (E-mail)" <htaprs@tapr.org>
Message-ID: <000101be3afe$2a030de0$d5b1e58c@kellykm-r>
Rendered body type: text/plain

Greeting SIG,

        I wish they did. But I don't think anyone has been successful in getting
the Tripmate to work with the D7A:>(

Kevin Kelly /N6QAB

-----Original Message-----
From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Alan
Crosswell
Sent: Wednesday, January 06, 1999 10:38 AM
To: htaprs@tapr.org
Subject: [HTAPRS:122] Re: Kenwood are you listening?

Didn't somebody recently report on this list that he had a Tripmate
working
with the D7?
/a

97. Time Stamp

From: bobj <bobj@mediaone.net>
Date: Fri, 08 Jan 1999 11:15:59 -0500
To: htaprs@tapr.org
Message-ID: <36962F3F.E60C65E4@mediaone.net>
Rendered body type: text/plain

Is there any way to see the time APRS packets listed by the "LIST"
function arrived?

98. Re: [HTAPRS:144] Time Stamp

From: dave vanhorn <dvanhorn@cedar.net>
Date: Fri, 08 Jan 1999 11:36:26 -0500
To: bobj@mediaone.net, htaprs@tapr.org
Message-ID: <4.1.19990108113443.0674a890@192.168.0.1>
Rendered body type: text/plain

At 10:24 AM 1/8/99 -0600, bobj wrote:
> Is there any way to see the time APRS packets listed by the "LIST"
>function arrived?

I don't think so, the radio dosen't have any sort of clock functions, so I
don't think it can timestamp the stations in the list.

The list is time-ordered though, most recent at the top, then down to most ancient.

99. TH-D7A Page

From: Alan Crosswell <alan@columbia.edu>
Date: Fri, 8 Jan 99 12:41:36 EST
To: dvanhorn@cedar.net
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.915817296.alan@fozimane>
Rendered body type: text/plain

Hi Dave,

More Mouser part numbers for the web page that are confirmed to work:

Power:

Straight, grey:	172-1372 DGS CORD SET 6'GREY DC PWR	$1.87
Right-angle, black:	172-1373 DGS CORD SET BLK 1.3MM 10'PWR CBL	$1.82

73 de Alan N2YGK

PS: Kudos to Mouser. I placed a web order on the 6th at 12:40pm and had the box delivered UPS ground on the 7th!

100. Re: TH-D7A Page

From: dave vanhorn <dvanhorn@cedar.net>
Date: Fri, 08 Jan 1999 12:48:07 -0500
To: Alan Crosswell <alan@columbia.edu>
Cc: htaprs@tapr.org
Message-ID: <4.1.19990108124722.009a97c0@192.168.0.1>
Rendered body type: text/plain

At 12:41 PM 1/8/99 -0500, Alan Crosswell wrote:
>Hi Dave,
>
>More Mouser part numbers for the web page that are confirmed to work:

It will be in the next update, not more than a few hours. Things are starting to slow down.

101. well, duh, you gotta have the TNC on

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Fri, 08 Jan 1999 11:17:10 -0800
To: <htaprs@tapr.org>
Message-ID: <9901089158.AA915823324@ccgate.apl.com>
Rendered body type: text/plain

JUST IN CASE someone is as slow on the uptake as I was, here's a lesson learned. (But if you were THAT slow, you might not be able to get subscribed to the list.)

I turned the TNC off so I wouldn't send out position-less packets while waiting for the GPS to acquire. I was watching the MY POSITION display to see when the D7 had position data from the GPS.

Minutes later, still no go. But the GPS was happily locked in. Well, maybe I'm not plugged in. Maybe the cable is intermittant. Maybe... After checking everything including listening (silly, I know, but no scope) to signal at the 2.5mm plug, I stumbled (pretty much literally - I think it was accidental) into turning the TNC on. Bingo.

It never occurred to me that it was using the TNC to interpret the GPS strings.

Be kind. I'm learning

Neil Fullagar, KE6NCX
Training Officer
Alameda County Sheriff's Comunications Team (RACES)
Home: CM87vr
EOC: CM87br

102. Re: [HTAPRS:148] well, duh, you gotta have the TNC on

From: Alan Crosswell <alan@columbia.edu>
Date: Fri, 8 Jan 99 14:33:00 EST
To: neil_fullagar@ccgate.apl.com

Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.915823980.alan@fozimane>
Rendered body type: text/plain

You can turn off the BCN feature to prevent beaconing posits.
73 de Alan N2YGK

103. Re[2]: [HTAPRS:148] well, duh, you gotta have the TNC on

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Fri, 08 Jan 1999 12:43:30 -0800
To: <alan@columbia.edu>
Cc: <htaprs@tapr.org>
Message-ID: <9901089158.AA915829339@ccgate.apl.com>
Rendered body type: text/plain

Alan Crosswell <alan@columbia.edu> wrote
>You can turn off the BCN feature to prevent beaconing posits.

Ah, the fruits of a fine education! (My brother went to
Columbia, and he's about the most smartest fella I know.)

Actually, I did figure that out, eventually. Thanks. One can
also change the xmit mode to manual.

Neil KE6NCX

104. Which GPS work?

From: Thomas Mahaney <fmarshal@mindspring.com>
Date: Fri, 08 Jan 1999 18:02:55 -0500
To: htaprs@tapr.org
Message-ID: <36968E9F.9CAC83EF@mindspring.com>
Rendered body type: text/plain

OK
Does anyone have a list of which gps units will work with the TH-D7?

Tom Mahaney
kd4dkw

105. RE: [HTAPRS:150] Re[2]: well, duh, you gotta have the TNC on

From: "Hector M. Figueroa" <hfigueroa@earthlink.net>
Date: Fri, 8 Jan 1999 15:10:58 -0800
To: <neil_fullagar@ccgate.apl.com>, <htaprs@tapr.org>
Message-ID: <000101be3b5c$26f9fce0$456eb2d1@home>
Rendered body type: text/plain

Yes,

Menu 2-9 Data TX Auto/PTT/Manual ;)

Hector Ke6vrl

>
> Actually, I did figure that out, eventually. Thanks. One can
> also change the xmit mode to manual.
>
> Neil KE6NCX
>
>
>
>
>
>
>

106. Which GPS's work?

From: joe.lagreek@edwardjones.com
Date: Fri, 08 Jan 1999 17:16:47 -0600
To: htaprs@tapr.org
Message-ID: <H00001ff00aa4880@MHS>
Rendered body type: text/plain

Check out

www.cedar.net/users/dvanhorn/kenwood.html

73 de N0OTM

Joe

107. Re: [HTAPRS:151] Which GPS work?

From: dave vanhorn <dvanhorn@cedar.net>
Date: Fri, 08 Jan 1999 18:23:45 -0500
To: fmarshal@mindspring.com, htaprs@tapr.org
Message-ID: <4.1.19990108182309.00ccd450@192.168.0.1>
Rendered body type: text/plain

At 05:04 PM 1/8/99 -0600, Thomas Mahaney wrote:
>OK
>Does anyone have a list of which gps units will work with the TH-D7?

I have a list at http://www.cedar.net/users/dvanhorn/kenwood.html

108. PalmAPRS/TH-D7A Flight 9JAN99

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Fri, 8 Jan 1999 22:45:17 -0500
To: "HTAPRS" <htaprs@tapr.org>, "APRS SIG List Server" <aprssig@tapr.org>
Message-ID: <NCBBINEHEKOFFAMOHNLHOEHICIAA.bottomgun@mindspring.com>
Rendered body type: text/plain

Expect to fly a Garmin III, TH-D7A, and PalmAPRS combination tomorrow
morning 0530 EST from Hollywood (SE Coast), FL to Marco Is., FL (SW Coast),
to Leesburg, FL (NW of Orlando) arriving about 0730. Will return sometime
in the afternoon at the conclusion of the search & rescue training exercise.

Hopefully, everything will work together properly...cross my fingers. Look
for my track as KF4DBI-2 (and hopefully someone can copy it for me) with an
airplane icon.

73
Jay/KF4DBI

109. Re: [APRSSIG:32567] Re: D7A

From: "John B Leonard, Jr" <jleonard@tbcnet.com>
Date: Sat, 9 Jan 1999 11:09:36 -0600
To: <aprssig@tapr.org>, <dvanhorn@cedar.net>
Cc: <htaprs@tapr.org>
Message-ID: <003901be3bf2$d69b9f00$dce070cf@martymcfly>
Rendered body type: text/plain

Nope, the packet stream has good data, as it's decoded correctly by DosAPRS
and WinAPRS at several of the local APRS stations.   Also regular packet
stations decipher it fine, when they know what to look for.

Dave suggested this AM that maybe nobody noticed because not many D7A's are
in use in sub-zero areas. It works fine until the temp goes minus.

It's just that the D7A doesn't decode it.

bl
-----Original Message-----
From: dave vanhorn <dvanhorn@cedar.net>
To: aprssig@tapr.org <aprssig@tapr.org>
Date: Friday, January 08, 1999 6:44 PM
Subject: [APRSSIG:32567] Re: D7A

>At 06:06 PM 1/8/99 -0600, David Chesser wrote:
>>Has anyone noticed that the D7A doesn't display temperature when it's
below
>>zero degrees F. It's been below zero out here in Illinois and the display
>>shows   t---f when a weather station is showing below zero F.
>>
>
>
>I've seen that, but I though it meant that there was no temp info in the
>packet.
>

110. Re: [HTAPRS:156] Re: [APRSSIG:32567] Re: D7A

From: dave vanhorn <dvanhorn@cedar.net>
Date: Sat, 09 Jan 1999 14:10:27 -0500
To: jleonard@tbcnet.com, htaprs@tapr.org
Message-ID: <4.1.19990109141007.03b4d430@192.168.0.1>
Rendered body type: text/plain

At 11:11 AM 1/9/99 -0600, John B Leonard, Jr wrote:
>Nope, the packet stream has good data, as it's decoded correctly by DosAPRS

>and WinAPRS at several of the local APRS stations. Also regular packet
>stations decipher it fine, when they know what to look for.
>
>Dave suggested this AM that maybe nobody noticed because not many D7A's are
>in use in sub-zero areas. It works fine until the temp goes minus.
>
>It's just that the D7A doesn't decode it.

It goes on the bug list then..

111. Two more features/bugs?

From: "Tim Russell" <timruss@home.com>
Date: Sat, 9 Jan 1999 14:49:15 -0600
To: <htaprs@tapr.org>
Message-ID: <000801be3c11$84a6ff40$c9f30318@cx149927-a.omhas1.ne.home.com>
Rendered body type: text/plain

Here's some stuff I discovered in playing around with my new D7:

   First off, not sure if this is in the manual or has been mentioned - a
message that hasn't been ACKed (and thus will be tried five more times) can
be immediately disabled by going to the list and displaying it, then hitting
a/b. This changes the status to a "." and the D7 stops trying to send it.

   Secondly, the bugs/features/stuff I'd like to see in the new firmware:

     1) BIG one: a beep setting for recieved messages only. I don't like
the
        keyboard beep at all, especially when entering a message, and don't
        really need new data beeps, but if it's not set to KEY+NEW DATA,
        no beeps when I get a message, which is what I /really/ care about.

     2) I tested the email feature and sent one successfully to myself.
Then I
        sent a message to N0RMO to tell him it worked, and when the email
gateways
        replied again that the message was sent successfully (the second
one),
        rather than getting told I had new messages, I just got "dP"s from
the
        two stations. It should have informed me of new messages again,
IMHO.
        Even though the text was the same, the sequence numbers were
different.

    Overall, I love it. Very fun new toy! I'm going to try and make a
mobile tracker case for it, my GPSIII, and a small gel cell from a miniature
Dilbert lunchbox I have, I think that'd be hilarious! It'll have external
BNCs for the HT and Garmin antennas as well as an external serial jack for
my PalmPilot and jacks for a speaker mic.

                                                Tim

112. Add the GPS 20 to the list

From: Kevin Kelly <kkelly@radix.net>
Date: Sat, 09 Jan 1999 20:56:54 -0500
To: htaprs@tapr.org
Message-ID: <369808E6.17E6551@radix.net>
Rendered body type: text/plain

Greetings SIG.

I hooked up my GPS 20 to the TH-D7A today. I got the flashing decimal
points but no position ever displayed. I plugged the GPS 20 output into
the computer and recorded the data below. Is there anything in the
following data that could account for the problem? It looks ok to me.

I think this is another GPS for the "list."

$GPRMC,003058,A,3821.0090,N,07624.3898,W,0.0,118.5,100199,010.6,W*7E
$GPGGA,003058,3821.0090,N,07624.3898,W,1,06,1.5,32.5,M,-34.6,M,,*48
$GPGSA,A,3,02,04,07,,14,15,27,,,,,,2.2,1.5,1.7*35
$GPGSV,2,1,07,02,74,157,45,04,38,220,43,07,62,319,45,09,14,313,*72
$GPGSV,2,2,07,14,32,088,40,15,19,043,37,27,13,192,33,,,,*4C
$PGRME,63.7,M,70.1,M,94.8,M*1F
$GPVTG,118.5,T,129.0,M,00.0,N,00.0,K*49

--

73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab/index.htm

113. Compatible GPSs?

From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
Date: Sat, 09 Jan 1999 21:17:38 -0500
To: HTAPRS@tapr.org
Message-ID: <36980DC2.58446332@worldnet.att.net>
Rendered body type: text/plain

Has anyone compiled a list of Garmin GPS units that are known to work
with the D7?

George W3GP

114. Re: [HTAPRS:159] Add the GPS 20 to the list

From: Kevin Kelly <kkelly@radix.net>
Date: Sat, 09 Jan 1999 22:58:46 -0500
To: htaprs@tapr.org
Message-ID: <36982576.BEF52F2@radix.net>
Rendered body type: text/plain

Greetings SIG

Jim,

According to my GPS 20 manual: GPRMC A= Valid position, V=NAV receiver
warning

GPGSA,<1>,<2>,<3>,<3>,<3>,<3>,<3>,<3>,<3>,<3>,,,,,<4>,<5>,<6>,*hh<CR><LF>
                                <1> Mode, M = manual, A = automatic
                                <2> Fix type, 1 = not available, 2 = 2D,
3 = 3D
                                <3> PRN number, 01 to 32, of satellite
used in solution, up to 8
transmitted

So a GPRMC A is a valid GPS position, and I think there are 6 satellites
being used 02,04,07,,14,15,27. The ,,,,, is supposed to be there. All
this of course if I have not gone crossed eyed reading these data
streams:>)

73,
Kevin Kelly/N6QAB

Jim Duncan wrote:
>
> You don't have a VALID GPS position. See the "A" in the GPRMC string?
> As long as it's an A it's an "archived" position. When it changes to a
> "V" (Valid Fix) you should start getting posits OK...
>
> The next clue is the series of commas in the GPGSA (Satellite
> Availability) string. You're only seeing three satellites. You need at
> least four for the GPS-20/30 engine to get a good fix....
>
> Kevin Kelly wrote:
> >
> > Greetings SIG.
> >
> > I hooked up my GPS 20 to the TH-D7A today. I got the flashing decimal
> > points but no position ever displayed. I plugged the GPS 20 output into
> > the computer and recorded the data below. Is there anything in the
> > following data that could account for the problem? It looks ok to me.
> >
> > I think this is another GPS for the "list."
> >
> > $GPRMC,003058,A,3821.0090,N,07624.3898,W,0.0,118.5,100199,010.6,W*7E
> > $GPGGA,003058,3821.0090,N,07624.3898,W,1,06,1.5,32.5,M,-34.6,M,,*48
> > $GPGSA,A,3,02,04,07,,14,15,27,,,,,,2.2,1.5,1.7*35
> > $GPGSV,2,1,07,02,74,157,45,04,38,220,43,07,62,319,45,09,14,313,*72
> > $GPGSV,2,2,07,14,32,088,40,15,19,043,37,27,13,192,33,,,,*4C
> > $PGRME,63.7,M,70.1,M,94.8,M*1F
> > $GPVTG,118.5,T,129.0,M,00.0,N,00.0,K*49
> >
> > --
> > 73,
> > Kevin Kelly/N6QAB
> > http://www.qsl.net/n6qab/index.htm

>
> --
> 73 de Jim, KU0G
> Chairman/Coordinator
> Kansas City APRS Working Group, W0APR
> Rogue Squadron Storm Chasers
> Mailto:ku0g@kcaprs.org
> Webpage: http://www.kcaprs.org
> BorgNet: 1st of 10

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab/index.htm

115. Re: [HTAPRS:161] Re: Add the GPS 20 to the list

From: rwf <rwf@BSRG.org>
Date: Sat, 09 Jan 1999 23:28:54 -0500
To: htaprs@tapr.org
Message-ID: <Version.32.19990109232650.016324a0@ccegate.cokecce.com>
Rendered body type: text/plain

Sorry Jim-
You aren't correct.
I have an easy way to remember it (taught to me by Bob Winingham):

A= A OK   (good)
V= Verrryyyyy Bad

At 10:01 PM 1/9/99 -0600, you wrote:

>
>Jim Duncan wrote:
>>
>> You don't have a VALID GPS position. See the "A" in the GPRMC string?
>> As long as it's an A it's an "archived" position. When it changes to a
>> "V" (Valid Fix) you should start getting posits OK...

116. Features/Questions and a Rave

From: "Rich Casey" <casey@acm.org>
Date: Sat, 9 Jan 1999 22:46:24 -0600
To: <htaprs@tapr.org>
Message-ID: <004201be3c54$33800560$7ddefea9@casey8>
Rendered body type: text/plain

A few features I'de like to see:
 - way to save a few positions in memory and recall them as the active POS
 - method to copy a OS and use it as the H/T's POS
 - method to delete old messages (or is this a bug?)

Questions:
  - Tim, please explain the "e-mail feature." Not sure what you mean.
  - don't see the Garmin 12XL on the tried list. Any problems? Thought I saw
it worked fine in a previous message.

Rave:
  - the battery seems to last almost 12 hours between charges!

Rich/csu
using n5csu-7 and the "Running Man" Icon...
let's make -7 and the icon our standard!

---------- \\ -------------------------
Rich Casey   casey@acm.org
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

117. Re: [HTAPRS:163] Features/Questions and a Rave

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Sat, 9 Jan 1999 23:09:26 -0600
To: <casey@acm.org>, <htaprs@tapr.org>
Message-ID: <009901be3c57$67d9c960$0100a8c0@compaq>
Rendered body type: text/plain

12xl is definitely "fine" along with the GPSIII. I use them both here with my D7's.

From: Rich Casey <casey@acm.org>
> - don't see the Garmin 12XL on the tried list. Any problems? Thought I saw
>it worked fine in a previous message.

118. Re: [HTAPRS:161] Re: Add the GPS 20 to the list

From: Steve Boyle <sboyle@slip.net>
Date: Sat, 09 Jan 1999 21:17:08 -0800
To: kkelly@radix.net
Cc: htaprs@tapr.org
Message-ID: <369837D4.E17403D3@slip.net>
Rendered body type: text/plain

Kevin -

The GPS 20 is suffering from the same problem as my GPS 35's... The D7 does not
like the 4 decimal place precision of the Lat/Lon fields.

Example showing the $GPRMC and $GPGGA sentences from the GPS 45 and GPS 35:

GPS 45 (D7 decodes fine) -
$GPRMC,171045,A,3722.297,N,12204.133,W,000.0,252.1,060199,000.0,E*6D
$GPGGA,171045,3722.297,N,12204.132,W,1,04,4.2,86.5,M,-28.4,M,,*41

    Lat of 3722.297 (3 decimal places)
    Long of 12204.132 (3 decimal places)

GPS 35 (D7 does not decode) -
$GPRMC,170853,A,3722.3338,N,12204.3347,W,001.0,187.3,060199,015.3,E*69
$GPGGA,170853,3722.3338,N,12204.3347,W,1,04,2.9,346.4,M,-28.4,M,,*78

    Lat of 3722.3338 (4 decimal places)
    Long of 12204.3347 (4 decimal places)

The GPS units that Kenwood was using for a reference must have output a
sentence like the GPS 45 with 3 decimal precision. Therefore the Lat/Long
fields with 4 decimal precision are rejected as invalid sentences.

Steve
kd6wxd

Kevin Kelly wrote:

> Greetings SIG
>
> Jim,
>
> According to my GPS 20 manual: GPRMC A= Valid position, V=NAV receiver
> warning
>
> GPGSA,<1>,<2>,<3>,<3>,<3>,<3>,<3>,<3>,<3>,<3>,<3>,,,,,<4>,<5>,<6>,*hh<CR><LF>
>   <1> Mode, M = manual, A = automatic
>   <2> Fix type, 1 = not available, 2 = 2D,
> 3 = 3D
>   <3> PRN number, 01 to 32, of satellite
> used in solution, up to 8
> transmitted
>
> So a GPRMC A is a valid GPS position, and I think there are 6 satellites
> being used 02,04,07,,14,15,27. The ,,,,, is supposed to be there. All
> this of course if I have not gone crossed eyed reading these data
> streams:>)
>
> 73,
> Kevin Kelly/N6QAB
>
> Jim Duncan wrote:
> >
> > You don't have a VALID GPS position. See the "A" in the GPRMC string?
> > As long as it's an A it's an "archived" position. When it changes to a
> > "V" (Valid Fix) you should start getting posits OK...
> >
> > The next clue is the series of commas in the GPGSA (Satellite
> > Availability) string. You're only seeing three satellites. You need at
> > least four for the GPS-20/30 engine to get a good fix....
> >
> > Kevin Kelly wrote:

> > >
> > > Greetings SIG.
> > >
> > > I hooked up my GPS 20 to the TH-D7A today. I got the flashing decimal
> > > points but no position ever displayed. I plugged the GPS 20 output into
> > > the computer and recorded the data below. Is there anything in the
> > > following data that could account for the problem? It looks ok to me.
> > >
> > > I think this is another GPS for the "list."
> > >
> > > $GPRMC,003058,A,3821.0090,N,07624.3898,W,0.0,118.5,100199,010.6,W*7E
> > > $GPGGA,003058,3821.0090,N,07624.3898,W,1,06,1.5,32.5,M,-34.6,M,,*48
> > > $GPGSA,A,3,02,04,07,,14,15,27,,,,,,2.2,1.5,1.7*35
> > > $GPGSV,2,1,07,02,74,157,45,04,38,220,43,07,62,319,45,09,14,313,*72
> > > $GPGSV,2,2,07,14,32,088,40,15,19,043,37,27,13,192,33,,,,*4C
> > > $PGRME,63.7,M,70.1,M,94.8,M*1F
> > > $GPVTG,118.5,T,129.0,M,00.0,N,00.0,K*49
> > >
> > > --
> > > 73,
> > > Kevin Kelly/N6QAB
> > > http://www.qsl.net/n6qab/index.htm
> >
> > --
> > 73 de Jim, KU0G
> > Chairman/Coordinator
> > Kansas City APRS Working Group, W0APR
> > Rogue Squadron Storm Chasers
> > Mailto:ku0g@kcaprs.org
> > Webpage: http://www.kcaprs.org
> > BorgNet: 1st of 10
>
> --
> 73,
> Kevin Kelly/N6QAB
> http://www.qsl.net/n6qab/index.htm

119. Re: [HTAPRS:159] Add the GPS 20 to the list

From: Ken Bass <Ken@bassandco.com>
Date: Sun, 10 Jan 1999 00:22:27 -0500
To: kkelly@radix.net
Cc: htaprs@tapr.org
Message-ID: <36983912.F77418C5@bassandco.com>
Rendered body type: text/plain

I believe the problem is the same one that causes the Garmin 35PC not to
work -- there is no $GPSGLL sentence in the output data and the D7A looks
fior that sentence as well as RMC an GGA.

Ken
K4EVH

Kevin Kelly wrote:

> Greetings SIG.
>
> I hooked up my GPS 20 to the TH-D7A today. I got the flashing decimal
> points but no position ever displayed. I plugged the GPS 20 output into
> the computer and recorded the data below. Is there anything in the
> following data that could account for the problem? It looks ok to me.
>
> I think this is another GPS for the "list."
>
> $GPRMC,003058,A,3821.0090,N,07624.3898,W,0.0,118.5,100199,010.6,W*7E
> $GPGGA,003058,3821.0090,N,07624.3898,W,1,06,1.5,32.5,M,-34.6,M,,*48
> $GPGSA,A,3,02,04,07,,14,15,27,,,,,,2.2,1.5,1.7*35
> $GPGSV,2,1,07,02,74,157,45,04,38,220,43,07,62,319,45,09,14,313,*72
> $GPGSV,2,2,07,14,32,088,40,15,19,043,37,27,13,192,33,,,,*4C
> $PGRME,63.7,M,70.1,M,94.8,M*1F
> $GPVTG,118.5,T,129.0,M,00.0,N,00.0,K*49
>
> --
> 73,
> Kevin Kelly/N6QAB
> http://www.qsl.net/n6qab/index.htm

120. Re: [HTAPRS:165] Re: Add the GPS 20 to the list

From: Alan Crosswell <alan@columbia.edu>
Date: Sun, 10 Jan 99 14:19:56 EST
To: sboyle@slip.net
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.915995996.alan@fozimane>
Rendered body type: text/plain

>The GPS units that Kenwood was using for a reference must have output a

If this is really the case, someone should buy Kenwood the NMEA-0183
protocol specification!

/a

---

121. "The Email Feature" explained

From: "Tim Russell" <timruss@home.com>
Date: Sun, 10 Jan 1999 14:33:06 -0600
To: <htaprs@tapr.org>
Message-ID: <000201be3cd8$6d8fdda0$c9f30318@cx149927-a.omhas1.ne.home.com>
Rendered body type: text/plain

To clarify my earlier post:

   The bug I'm describing is this: when a new messages comes in from someone
that has identical text to one earlier received, even though the sequence
number is different and it's by definition a new message, the Kenwood
doesn't display the new message, just "dM call".

   The way I found this is, I sent a message to EMAIL, which, when gated to
the Internet, gets picked up by email servers and sends email. The servers
then send back "Email delivered ok". I sent an email to myself, got the
reply back, but when I sent another email and got back another reply with
the same text, but a different sequence number, I didn't get a new message
on the D7, just a duplicate message.

    The D7 should check the sequence number as well as the text when
determining if the message is a duplicate or not.

                                        Tim

---

122. sma connector source

From: "Doug Obenchain" <dobencha@netusa1.net>
Date: Sun, 10 Jan 1999 20:20:44 -0500
To: <htaprs@tapr.org>
Message-ID: <001c01be3d00$9dd79c00$0a01a8c0@finalfrontier>
Rendered body type: text/plain

FYI
  I found another source for the sma connectors that the D-7 uses. It is the
" William A. Perry Company" located at 92 Beechwood Rd. (rear) Louisville,
KY 40207   Phone 502/893-8724
He also has some ready made adapters, about 6 inches long with 90 degree sma
on one end and 90 degree bnc on other.

Doug Obenchain, kb9ryo@qsl.net
Kokomo, Indiana

---

123. Re: [HTAPRS:169] sma connector source

From: dave vanhorn <dvanhorn@cedar.net>
Date: Sun, 10 Jan 1999 20:29:53 -0500
To: dobencha@netusa1.net, htaprs@tapr.org
Message-ID: <4.1.19990110202911.041bb690@192.168.0.1>
Rendered body type: text/plain

At 07:24 PM 1/10/99 -0600, Doug Obenchain wrote:
>FYI
> I found another source for the sma connectors that the D-7 uses. It is the
>" William A. Perry Company" located at 92 Beechwood Rd. (rear) Louisville,
>KY 40207   Phone 502/893-8724
>He also has some ready made adapters, about 6 inches long with 90 degree sma
>on one end and 90 degree bnc on other.
>
>Doug Obenchain, kb9ryo@qsl.net
>Kokomo, Indiana

By any chance did you run into him at the South Bend hamfest today?
Dave from Muncie

124. ICOM GP-22 works with D7A

From: Kevin Kelly <kkelly@radix.net>
Date: Sun, 10 Jan 1999 21:33:07 -0500
To: htaprs@tapr.org
Message-ID: <369962E3.DA5D6A14@radix.net>
Rendered body type: text/plain

Greeting SIG,

Determined to get at least one of my GPSs working with the D7A, I fed the D7A a NMEA data stream from my old ICOM GP-22. As luck would have it, it worked. Yea! Below are captured data stream samples from the ICOM GP-22 and the Garmin GPS 20. A couple of things I noticed when comparing the data of both units.

1. The only common sentence I find between the two is $GPGGA, indicated by ------>.

2. I don't find a $GPRMC sentence in the GP-22 data. But do find one in the GPS data, as indicated by #######.

3. I do find a $GPGLL sentence in the GP-22 data, as indicated by ********. But don't find one in the GPS 20 data.

Conclusion: As reported on the SIG, I can confirm that the D7A will work with a $GPGLL sentence. Also while it may use a $GPRMC sentence if present, it doesn't require it.

ICOM GP-22 data:

```
        $GPGLP,194516,3821.01,N,07624.39,W,WP01*69
------->$GPGGA,194516,3821.009,N,07624.385,W,1,4,002,37,M,-047,M*54
********$GPGLL,3821.01,N,07624.38,W*7C
        $GPVTG,055.,T,067.,M,02.2,N,04.1,K*4A
        $GPBWC,,2905.66,N,04808.17,E,046.,T,057.,M,999.9,N,WP01*09
        $GPXTE,,,,,*72
```

GPS 20 data:

```
        $GPVTG,118.5,T,129.0,M,00.0,N,00.0,K*49
########$GPRMC,003058,A,3821.0090,N,07624.3898,W,0.0,118.5,100199,010.6,W*7E
------->$GPGGA,003058,3821.0090,N,07624.3898,W,1,06,1.5,32.5,M,-34.6,M,,*48
        $GPGSA,A,3,02,04,07,,14,15,27,,,,,,2.2,1.5,1.7*35
        $GPGSV,2,1,07,02,74,157,45,04,38,220,43,07,62,319,45,09,14,313,*72
        $GPGSV,2,2,07,14,32,088,40,15,19,043,37,27,13,192,33,,,,*4C
        $PGRME,63.7,M,70.1,M,94.8,M*1F
```

If nothing else, I'm sure learning a bunch about NMEA data sentences in this compatibility exercise:>)

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab/index.htm

125. palmAPRS Beta - user report

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Mon, 11 Jan 1999 04:00:01 -0600
To: "Mike Musick" <71301.3106@compuserve.com>, <htaprs@tapr.org>,
        <aprssig@tapr.org>
Message-ID: <009f01be3d49$8372d340$0100a8c0@compaq>
Rendered body type: text/plain

Sorry sent to both lists for benefit of D7 folks, and for the benefit of Mike and other users;

>>THD7A
>The version I'm running now has full D7 support (among other things). I could
>release it, but I really want to avoid propagating the "old" map system any
>further than it already is. I'm going to have to do something soon, though,
>because the released version goes belly-up on Feb. 1.
>
> ...mike

Running palmAPRS 0.20 now with custom made palm>D7 cable. Sabotaged a Palm>Tripmate cable ($20-ouch) from CompUSA, performed the lobotomy that was suggested on the sig to remove the cable with the DB9 and solder the Mouser 3-wire to 2.5mm plug right to the edge connector that goes into the palm. It was

definitely a challenge, and I would suggest some sort of vise or something to hold your work. I did it "freehand" trying to balance the cable, soldering iron, and connector all with my fingers. It took about 20 minutes but I got it.

Using the Mouser cable, the white goes on the third contact from the left as you are looking at the palm connector (pin3), the red wire goes to pin5, and the Shield goes to pin10 all the way on your right as you look at the connector. You can gently pry the plastic top off to get to the innards, then *gently* pry away the metal plate with the tabs on either side... don't damage this, these are the friction points that hold the cable into the palm. I will answer any questions relating to building this cable but that is the best I can describe it for now.

Now, on to the errors:

Don't forget the D7 must be in **packet** mode. Use the kpc3 settings. You may need to retry several times to initialize the tnc in the D7 once you turn everything on since it says tnc not found the first couple times. Then it initializes. I tried to send lots of short messages from the palm to my home station to try and fill up the message list on the palm. Once i did, I could not scroll down further in the list. Also a message I know I had sent to myself and saw acked on windows box showed a blank line in the msg list on palmaprs. I tried numerous times to delete the blank line but could not select it no matter where I clicked. I finally got it selected then hit "delete" and palmaprs crashed and burned:

Fatal Error
DataMgr.c, Line:6503, Index out of range

<Reset?>

Had to do the stylus tip hard reset on the back of the palm. No data was lost anywhere in the palm.

palmAPRS works quite easily overall and if you practice with the graffitti pen input, you can send out msgs quite fast. Last thing: there is a noticeable "hash" in the radio with the palm hooked to the computer port of the D7 with the mouser cable. The RFI from the palm is enough to degrade some rx'd packet decoding when on the rubber duck.

Thanks Mike for your work.

Jim N0RMO
Omaha NE

126. GPSIII>THD7A>palmAPRS 0.20

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Mon, 11 Jan 1999 05:08:17 -0600
To: "Mike Musick" <71301.3106@compuserve.com>
Cc: <aprssig@tapr.org>, <htaprs@tapr.org>
Message-ID: <001501be3d52$be429600$0100a8c0@compaq>
Rendered body type: text/plain

All of this is probably moot, Mike, since I know you are working on the THD7 friendly version of palmaprs, but here goes anyways:

For those that want to know, it looks like palmAPRS won't yet work together with a GPS and a TH-D7 because:

PC won't talk to D7 when D7 is in APRS mode
GPS won't talk to D7 (and in turn, to palmaprs) when D7 is in regular packet mode
(All working cables plugged into correct ports)

As in the palmaprs Docs, the D7 TNC needs GPS init strings in order to send data when in regular packet mode, but palmAPRS cannot send these strings yet. Also since the D7 has no memory and resets to defaults on each power up, there is no way to preset these strings permanently.

Jim N0RMO
I hope siggers find this information useful.

Tests performed:

GPSIII: Sim mode, 30mph, 000deg
THD7A: Regular APRS mode, not packet
PalmIII: Into PC port on D7, verified cable.
palmAPRS: Set to Dual Port TNC mode
D7 blinks deg symbol/periods on POS screen and updates position in step with GPS and can transmit updated positions. But of course palmaprs can't talk to D7 because it's not in packet mode. Ok, so I switch to packet mode.

GPSII: still the same
D7: Now packet mode
PalmIII: still the same
palmAPRS: same
Now palmAPRS can talk to D7. D7 blinks digits but does not continue updating with GPS, and is stuck in

last reported positition. Since GPS strings haven't been set, you can't use the GPS while in packet mode with palmAPRS (yet). It doesn't matter whether palmaprs is set to kpc or dualport tnc.

127. Re: [HTAPRS:170] Re: sma connector source

From: "Doug Obenchain" <dobencha@netusa1.net>
Date: Mon, 11 Jan 1999 07:10:30 -0500
To: <htaprs@tapr.org>
Message-ID: <003601be3d5b$628eda40$0a01a8c0@finalfrontier>
Rendered body type: text/plain

Why yes I did.
----- Original Message -----
From: dave vanhorn <dvanhorn@cedar.net>
To: <htaprs@tapr.org>
Sent: 10 January, 1999 20:43
Subject: [HTAPRS:170] Re: sma connector source

>At 07:24 PM 1/10/99 -0600, Doug Obenchain wrote:
>>FYI
>> I found another source for the sma connectors that the D-7 uses. It is
the
>>" William A. Perry Company" located at 92 Beechwood Rd. (rear) Louisville,
>>KY 40207   Phone 502/893-8724
>>He also has some ready made adapters, about 6 inches long with 90 degree
sma
>>on one end and 90 degree bnc on other.
>>
>>Doug Obenchain, kb9ryo@qsl.net
>>Kokomo, Indiana
>
>
>By any chance did you run into him at the South Bend hamfest today?
>Dave from Muncie
>
>
>

128. Re: [HTAPRS:174] Re: sma connector source

From: dave vanhorn <dvanhorn@cedar.net>
Date: Mon, 11 Jan 1999 09:52:04 -0500
To: dobencha@netusa1.net, htaprs@tapr.org
Message-ID: <4.1.19990111094743.043d6920@192.168.0.1>
Rendered body type: text/plain

At 06:11 AM 1/11/99 -0600, Doug Obenchain wrote:
>Why yes I did.

Too bad we didn't run into each other! I was up there too, bought an
antenna (SAM24 from comet), a fast charger, and an RF Concepts 30W
dual-band amp with rx preamp.

That's a nice show, too bad many stayed home from weather.

I heard a fair amount of activity along 31, north of OPO, but those guys
never show up down here. I wonder what the problem is. I would think that
they could get into OPO or someone, and get digi'd out, but it dosen't seem
to happen.

129. Add the GPS 45XL to the list that work

From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Mon, 11 Jan 1999 16:40:46 -0600
To: htaprs@tapr.org
Message-ID: <199901112240.QAA09506@r2d2.krell.com>
Rendered body type: text/plain

Got my D7A last Friday. So far I like the unit. A blast to play with.
Just got the cable made up for the 45XL and everything seems to work okay.
I may have a late model 45XL because I had it replaced once and it's menu
does not completely match the book that came with the original 45XL. I set
the Interface to NMEA/NMEA and info from D7A shows up as points on the
45XL. 45XL has no maps but I can use the GOTO key and get course to ham in
question.

Later
Larry

```
--------------------------------------------------
 Larry P. Thomas    wa0gwa  voice : 1 913 888-0282
 Krell Technologies           fax : 1 913 782-9359
 8960 Bond                  pager : 1 816 989-HELP
 Overland Park, KS              www.krell.com
 66214-1722    USA            lpthomas@krell.com
```

130. D7/Street Pilot---HELP

From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
Date: Mon, 11 Jan 1999 23:19:42 -0500
To: htaprs@tapr.org
Message-ID: <369ACD5E.89B1EAB6@worldnet.att.net>
Rendered body type: text/plain

I just got my D7 today but I haven't been able to get it to talk or
listen to my Street Pilot. I agree with all who have said how badly the
OEM cable is! Nonetheless, I've been able to mate it up with the
standard Garmin 4 pin cable but---nothing. I'm sure that the cable is ok
continuity and pinouts check-out.

    I'd appreciate any thoughts.

73s George W3GP

131. POSitions

From: "Rich Casey" <casey@acm.org>
Date: Mon, 11 Jan 1999 22:24:14 -0600
To: <htaprs@tapr.org>
Message-ID: <007001be3de3$726bf1e0$5b6afea9@casey8>
Rendered body type: text/plain

Gang:
Got my "data-talkie" and Garmin 12XL interfaced this weekend without a
hitch. Took it for a walk, drive and bike ride yesterday (changed the icon
each time!) Kayak is next, the first warm weekend...

It rode on my commute today. Worked great EXCEPT, at both ends of the
commute, I turned off the GPS when I was "destinated," then changed my H/T
to NMEA off, and found that the POS had changed to a few miles away! I had
to put the last location back in manually. Anyone else notice this?
Tomorrow, I'll try switching NMEA off before my shut down the GPS...

Also, I think the garmin batteries are running down faster since it is
streaming NMEA data, or is this just my imagination?

Rich
----------- \\ -------------------------
Rich Casey   casey@acm.org
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

132. Re: [HTAPRS:178] POSitions

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 12 Jan 1999 00:45:19 -0500
To: casey@acm.org, htaprs@tapr.org
Message-ID: <4.1.19990112004303.00a377b0@192.168.0.1>
Rendered body type: text/plain

>It rode on my commute today. Worked great EXCEPT, at both ends of the
>commute, I turned off the GPS when I was "destinated," then changed my H/T
>to NMEA off, and found that the POS had changed to a few miles away! I had
>to put the last location back in manually. Anyone else notice this?
>Tomorrow, I'll try switching NMEA off before my shut down the GPS...

I believe that's normal, your keyed in posit is preserved while on NMEA,
then restored when you turn off NMEA.
Check on the sig, cause I'm not 100% sure on that.

I'm also trying to track some odd behaviour with the xmit key. There are a
lot of times when I key, that it dosen't tx. Haven't isolated why yet.

133. Re: [HTAPRS:179] Re: POSitions

From: Ron Reeves <reeves@worldaccessnet.com>
Date: Mon, 11 Jan 1999 22:33:57 -0800
To: dvanhorn@cedar.net

Cc: htaprs@tapr.org
Message-ID: <m0zzxRs-000dJhC@vortex.worldaccessnet.com>
Rendered body type: text/plain

Try this bit of info.

"If using a GPS receiver, you can copy the measured data to the position entry display for Menu 2-3. Press [POS] to display the measured data, then press [OK]. "COPY to MENU?" appears. Press [OK] again."

Ron Reeves
N7QXO

At 11:56 PM 1/11/99 -0600, you wrote:
>
>>It rode on my commute today. Worked great EXCEPT, at both ends of the
>>commute, I turned off the GPS when I was "destinated," then changed my H/T
>>to NMEA off, and found that the POS had changed to a few miles away! I had
>>to put the last location back in manually. Anyone else notice this?
>>Tomorrow, I'll try switching NMEA off before my shut down the GPS...
>
>
>I believe that's normal, your keyed in posit is preserved while on NMEA,
>then restored when you turn off NMEA.
>Check on the sig, cause I'm not 100% sure on that.
>
>
>I'm also trying to track some odd behaviour with the xmit key. There are a
>lot of times when I key, that it dosen't tx. Haven't isolated why yet.
>

134. fwd: D7a data testing with palmaprs

From: jscott@bellsouthips.com (BellSouth Mobility)
Date: Tue, 12 Jan 1999 08:39:30 -0500 (EST)
To: htaprs@tapr.org
Message-ID: <15224837.921@bellsouthips.com>
Rendered body type: text/plain

I got the data cables and did some testing with 9600 baud and palmaprs. They both worked good. I need to do some more testing with 9600 do to a poor link path I was not getting a good connection.

135. TNC resetting

From: "bob" <w2g3zfj@unix.asb.com>
Date: Tue, 12 Jan 1999 09:12:15 -0500
To: <htaprs@tapr.org>
Message-ID: <007f01be3e35$911c6aa0$1900a8c0@bob>
Rendered body type: text/plain

I have some more info for the sig that may help to characterize the resetting issue with the D7A.

Mine has been working fine since I got it both on internal batteries and an external power supply.

However, yesterday I received my extra power and data cables from MOUSER. I wanted to use the D7A for a business trip and was assembling a lighter cable, 30W amp etc to easily put into the rental car. I assembled the cables and connected it to my 50Amp 13.8V (measured) power supply. Hooked it up to the laptop, as soon as I transmitted, the D7A would partially reset the internal TNC, it was still receiving but would not transmit unless I re-initialized the TNC. So, I disconnected the 30W amp in case it was RF f/b and/or the current draw of the amp. Same thing happened.

I ran the D7A off its internal batteries, worked fine.

Re-connected the external supply but connected it to a smaller benchtop powr supply that was delivering 14.5V, worked fine.

I suspect that the resistance of the MOUSER cable combined with a 13.8V supply is causing an internal reset.

Note that if I look at the D7A with Procomm, the internal power-on reset message is not the one thats given when it partially resets. (I haven't got it on this machine to send unfortunately, it just sends the brief TASCO..... string. Not the full one with the PORT info etc.).

I then tried the D7A in its own APRS mode, using the 13.8V supply/MOUSER cable etc and it worked fine.

Interesting evening, I may try again tonight and try and see the actual
voltage at the D7A i/p jack that casuses it to reset. It does seem a mite
sensitive though!

73 de bob w2/g3zfj

136. Re: [HTAPRS:182] TNC resetting

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 12 Jan 1999 10:10:10 -0500
To: w2g3zfj@unix.asb.com, htaprs@tapr.org
Message-ID: <4.1.19990112100208.00d09880@192.168.0.1>
Rendered body type: text/plain

>I suspect that the resistance of the MOUSER cable combined with a 13.8V
supply is causing an internal reset.

It's unlikely, unless the resistance of the DC cable is very high. If the
power supply holds at 13.8V, and the radio resets because of voltage droop,
then that would mean that the voltage at the radio input is less than 5.5V.
That would require a VERY resistive cable. At 14V, the radio draws about
1.5A on full power transmit. Even wire-wrap wire can hold that up for a
meter or so.

You may be seeing a problem in the supplies though. Transient response is
something that most power supplies don't want to talk about. If you hit
them with a load suddenly, they often droop quite a bit, before regaining
regulation, and can even overshoot on the up-swing. I would be suspicious
of the 50A supply. Unless it's a switcher, it's likely to have very poor
output regulation. You may have to scope it to see the droop, it could be
less than a few milliseconds, or as much as a few hundred milliseconds.

I've not seen that symptom here, and I've run mine at anywhere from 5.5V to
14V on an adjustable bench supply. (but I know it's got good transient
response!)

137. Re: [HTAPRS:179] Re: POSitions

From: Alan Crosswell <alan@columbia.edu>
Date: Tue, 12 Jan 99 10:51:57 EST
To: dvanhorn@cedar.net
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.916156317.alan@fozimane>
Rendered body type: text/plain

> I'm also trying to track some odd behaviour with the xmit key. There are a
> lot of times when I key, that it dosen't tx. Haven't isolated why yet.

It only XMITs if the BCN indicator is flashing, indicating enuf time
has gone by to warrant a new transmission. To force a beacon, toggle
the BCN button twice which will make it want to beacon.
/a

138. Re: [HTAPRS:180] Re: POSitions

From: Alan Crosswell <alan@columbia.edu>
Date: Tue, 12 Jan 99 10:56:51 EST
To: reeves@worldaccessnet.com
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.916156611.alan@fozimane>
Rendered body type: text/plain

> Try this bit of info.
>
> "If using a GPS receiver, you can copy the measured data to the position
> entry display for Menu 2-3. Press [POS] to display the measured data, then
> press [OK]. "COPY to MENU?" appears. Press [OK] again."
>
> Ron Reeves
> N7QXO

Hey, cool! I missed that one on the first and second readings of the
manual! A new thing I "learned" also is to *prevent* transmitting a
bad manually entered position (e.g. I don't know where I am currently
and MyPos is somewhere else) you can select NMEA mode which sets the
pos report to zeros so at least I'm not lying about my current
position!

73 de Alan N2YGK
/a

139. Re: [HTAPRS:179] Re: POSitions

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 12 Jan 1999 10:56:56 -0500
To: Alan Crosswell <alan@columbia.edu>
Cc: htaprs@tapr.org
Message-ID: <4.1.19990112105049.00c69c80@192.168.0.1>
Rendered body type: text/plain

At 10:51 AM 1/12/99 -0500, Alan Crosswell wrote:
>> I'm also trying to track some odd behaviour with the xmit key. There are a
>> lot of times when I key, that it dosen't tx. Haven't isolated why yet.
>
>It only XMITs if the BCN indicator is flashing, indicating enuf time
>has gone by to warrant a new transmission. To force a beacon, toggle
>the BCN button twice which will make it want to beacon.
>/a

No, I mean when I mash PTT with my thumb, it dosen't key up on the non-data
band.
It seems to be related to TX or RX on the data band, but it's hard to catch
it where I can see what's going on, because it dosen't happen real often,
and of course it's hard to view it that close.

---

140. Re: [HTAPRS:181] fwd: D7a data testing with palmaprs

From: Alan Crosswell <alan@columbia.edu>
Date: Tue, 12 Jan 99 11:14:28 EST
To: jscott@bellsouthips.com
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.916157668.alan@fozimane>
Rendered body type: text/plain

> I got the data cables and did some testing with 9600 baud and palmaprs. They both worked good. I
need to do some more testing with 9600 do to a poor link path I was not getting a good connection.
>

Speaking of 9k6 and aprs in the same sentence: Am I correct to assume that
the Mic-E feature will only work at 1200?   Something for the enhancements
list I think. 9k6 packets sounds just like a squelch tail -- don't even
need to mute the repeater:-)
/a

---

141. Re: [HTAPRS:179] Re: POSitions

From: Alan Crosswell <alan@columbia.edu>
Date: Tue, 12 Jan 99 11:22:11 EST
To: dave vanhorn <dvanhorn@cedar.net>
Cc: Alan Crosswell <alan@columbia.edu>, htaprs@tapr.org
Message-ID: <CMM.0.90.4.916158131.alan@fozimane>
Rendered body type: text/plain

> At 10:51 AM 1/12/99 -0500, Alan Crosswell wrote:
> >> I'm also trying to track some odd behaviour with the xmit key. There are a
> >> lot of times when I key, that it dosen't tx. Haven't isolated why yet.
> > >
> > >It only XMITs if the BCN indicator is flashing, indicating enuf time
> > >has gone by to warrant a new transmission. To force a beacon, toggle
> > >the BCN button twice which will make it want to beacon.
> > >/a
> >
> > No, I mean when I mash PTT with my thumb, it dosen't key up on the non-data
> > band.
> > It seems to be related to TX or RX on the data band, but it's hard to catch
> > it where I can see what's going on, because it dosen't happen real often,
> > and of course it's hard to view it that close.
> >
> >
> >

This may be related to the DCD sense option??? There's a menu option 1-4-2
(DCD SENSE).
/a

---

142. Re: [HTAPRS:188] Re: POSitions

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 12 Jan 1999 11:58:41 -0500 (EST)
To: Alan Crosswell <alan@columbia.edu>
Cc: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901121156020.2257-100000@arctic>
Rendered body type: text/plain

> > No, I mean when I mash PTT with my thumb, it dosen't key up...

Whenever a new packet comes in and the HT displays it, all functions on
the HT are disabled until ANY key is pressed. Unfortunately, the PTT was
included in this list. Thus the first press of the PTT only cancels the
flashing display. Press again to actually transmit.

Takes some getting used to, but if the display is flashing, press PTT
twice...

143. Re: [HTAPRS:179] Re: POSitions

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 12 Jan 1999 11:43:14 -0500
To: Alan Crosswell <alan@columbia.edu>
Cc: Alan Crosswell <alan@columbia.edu>, htaprs@tapr.org
Message-ID: <4.1.19990112114243.00a89420@192.168.0.1>
Rendered body type: text/plain

>> No, I mean when I mash PTT with my thumb, it dosen't key up on the non-data
>> band.
>> It seems to be related to TX or RX on the data band, but it's hard to catch
>> it where I can see what's going on, because it dosen't happen real often,
>> and of course it's hard to view it that close.
>>
>This may be related to the DCD sense option??? There's a menu option 1-4-2
>(DCD SENSE).
>/a

Could be, I'm still experimenting.

144. Re: [HTAPRS:189] Re: POSitions

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 12 Jan 1999 12:31:47 -0500
To: bruninga@nadn.navy.mil, htaprs@tapr.org
Message-ID: <4.1.19990112121941.009e2730@192.168.0.1>
Rendered body type: text/plain

At 11:02 AM 1/12/99 -0600, Bob Bruninga wrote:
>> > No, I mean when I mash PTT with my thumb, it dosen't key up...
>>
>>Whenever a new packet comes in and the HT displays it, all functions on
>>the HT are disabled until ANY key is pressed. Unfortunately, the PTT was
>>included in this list. Thus the first press of the PTT only cancels the
>>flashing display. Press again to actually transmit.
>>
>>Takes some getting used to, but if the display is flashing, press PTT
>>twice...

That may be it. I'm not used to looking at the display before I transmit,
especially mid-qso.
IMHO, this is one for the "bugs" list. It happens enough here to be
annoying, and I'm not in a high-traffic area by any means. Thank god for
firmware!

145. RE: [HTAPRS:183] Re: TNC resetting

From: "Scott, John" <John.Scott@pcs.bls.com>
Date: Tue, 12 Jan 1999 13:19:00 -0500
To: htaprs@tapr.org
Message-ID: <DF3722EB2098D111B21F00805F9F0A0702246E4F@ATL1EXCH1.pcs.bls.com>
Rendered body type: text/plain

> ----------
> From: dave vanhorn[SMTP:dvanhorn@cedar.net]
> Reply To: dvanhorn@cedar.net
> Sent: Tuesday, January 12, 1999 10:20 AM
> To: htaprs@tapr.org
> Subject: [HTAPRS:183] Re: TNC resetting
>
>
> >I suspect that the resistance of the MOUSER cable combined with a 13.8V
> supply is causing an internal reset.
>
> It's unlikely, unless the resistance of the DC cable is very high. If the
> power supply holds at 13.8V, and the radio resets because of voltage
> droop,
> then that would mean that the voltage at the radio input is less than
> 5.5V.
> That would require a VERY resistive cable. At 14V, the radio draws about
> 1.5A on full power transmit. Even wire-wrap wire can hold that up for a

> meter or so.
>
> You may be seeing a problem in the supplies though. Transient response is
> something that most power supplies don't want to talk about. If you hit
> them with a load suddenly, they often droop quite a bit, before regaining
> regulation, and can even overshoot on the up-swing. I would be suspicious
> of the 50A supply. Unless it's a switcher, it's likely to have very poor
> output regulation. You may have to scope it to see the droop, it could be
> less than a few milliseconds, or as much as a few hundred milliseconds.
>
> I've not seen that symptom here, and I've run mine at anywhere from 5.5V
> to
> 14V on an adjustable bench supply. (but I know it's got good transient
> response!)
>
>

One way to test this, is to put a large capacitor on the output and see if that solves the reset problem. Try something like 10000uF at 25V. That should keep the supply voltage up long enough for any power supply droop you may encounter.

146. ICONS and such

From: Randy Hammock <hammock@sierra.jpl.nasa.gov>
Date: Tue, 12 Jan 1999 11:27:09 -0800
To: htaprs@tapr.org
Message-ID: <369BA20D.283EC1C9@sierra.jpl.nasa.gov>
Rendered body type: text/plain

I've tried reading the documentation for the radio many times and I'd like to think I've read all the documentation there is for APRS in general about setting ICONS and such. But no matter how I set my D7A, the only thing that causes APRS+SA to show the proper ICON is to have the ssid set to the value that used to be recommended for a particular ICON. As far as I can tellm the D7A has never sent a status packet to cause the ICON to showup at it "assigned" value.

What I want is my D7A to show up as is a pickup truck or horse and rider (depending on what mode of transportation I'm using at the moment. I would also like to use an ssid of "-7" (per recommendation) to indicate D7A operation. Everytime I have the SSID set to "-7", I always showup as an airplane, regardless of the ICON and/or UNPRTO settings. I've tried using APRS 2-5 >ICON OTHER /e for equestrian and ICON <truck symbol> and I showup as <airplane>. I try APRS 2-A >UNPROTOCOL GPSLK, I showup as <airplane>. As long as SSID = "-7", I show up as <airplane>.

I've put text into the status APRS 2-6 >STATUS TEXT menu selection and have never seen it show up in the status window of APRS+SA.

What am I not doing correctly?
--
Randy Hammock   KC6HUR | Jet Propulsion Laboratory
mailto:Randy.Hammock@jpl.nasa.gov | M/S: 301-270
 Voice: +1-818-354-0628 | 4800 Oak Grove Drive
                                   | PASADENA CA 91109

147. Re: [HTAPRS:192] Re: TNC resetting

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 12 Jan 1999 14:28:06 -0500
To: John.Scott@pcs.bls.com, htaprs@tapr.org
Message-ID: <4.1.19990112142730.04df3100@192.168.0.1>
Rendered body type: text/plain

>   One way to test this, is to put a large capacitor on the output and
>see if that solves the reset problem. Try something like 10000uF at 25V.
>That should keep the supply voltage up long enough for any power supply
>droop you may encounter.

I thought about this, but the cap would have to be on the HT side of the cable, rather than on the PS side.

148. RE: [HTAPRS:192] Re: TNC resetting

From: "Scott, John" <John.Scott@pcs.bls.com>
Date: Tue, 12 Jan 1999 15:05:09 -0500
To: htaprs@tapr.org, "'dave vanhorn'" <dvanhorn@cedar.net>
Message-ID: <DF3722EB2098D111B21F00805F9F0A0702246E52@ATL1EXCH1.pcs.bls.com>
Rendered body type: text/plain

> >   One way to test this, is to put a large capacitor on the output and
> >see if that solves the reset problem. Try something like 10000uF at 25V.
> >That should keep the supply voltage up long enough for any power supply
> >droop you may encounter.
>
> I thought about this, but the cap would have to be on the HT side of the
> cable, rather than on the PS side.
>

No, I do not think the cable is the limit here. I think the PS is not able to supply the quick demand for current when the HT is keyed up. Even if the cable is a problem, it would have to be bad enough to drop about 5V from one end to the other and I do not feel this is likely unless the cable is defective.

You can test the cable with an ohm meter. If you measure several ohms on any of the conductors from one end of the cable to the other then that would be bad enough to cause problems. If the cable measures out to about 5 ohms that would give you about 5V of voltage drop and this may be enough to cause the HT to drop out.

149. D7A and DGPS?

From: "Terry Kealey" <tkealey@ieee.org>
Date: Tue, 12 Jan 1999 14:06:26 -0600
To: <htaprs@tapr.org>
Message-ID: <000101be3e67$0cb05970$d9bb2682@P1192571.mdc.com>
Rendered body type: text/plain

Here is an additional item for the D7A wish list. Since the radio currently sends position reports as waypoints to the GPS, I was thinking that DGPS corrections could be another output. (the two probably cannot be send simultaneously to most receivers). This would be natural match since DGPS needs an external data link (radio and modem). The data would not need to be processed by the radio and could be passed directly to the GPS receiver.

DGPS would provide greatly improved position accuracy on your own station, but would not provide better accuracy on position reports received from other APRS stations. DGPS would also keep your GPS from "wandering" when stationary and with some of the higher resolution CD maps you would get better position accuracy.

DGPS stations could be set up on 70cm at 9600 using the Oncore GPS and TAPR DGPS kit. The D7A and GPS could make a very simple and accurate tracker. I am not sure if any specific protocols are set up for this yet (Tom, W3IWI had a station running at one time).

This may or may not be an enhancement that everyone wants or needs for APRS, but like the DX cluster, SSTV and Sky Command functions, it adds to the D7As versatility.

Terry, KIØBF

150. RE: [HTAPRS:192] Re: TNC resetting

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 12 Jan 1999 15:06:04 -0500
To: "Scott, John" <John.Scott@pcs.bls.com>, htaprs@tapr.org
Message-ID: <4.1.19990112150251.04dea150@192.168.0.1>
Rendered body type: text/plain

>   You can test the cable with an ohm meter. If you measure several
>ohms on any of the conductors from one end of the cable to the other then
>that would be bad enough to cause problems. If the cable measures out to
>about 5 ohms that would give you about 5V of voltage drop and this may be
>enough to cause the HT to drop out.

Even with .5 ohm in each side, the TX draw is 1.5Aon full power, so that would be a 1V drop, even if the supply is perfect, and the wires are non-inductive. We have no spec on how it behaves if the voltage changes during transmit. That's why I discarded the cap idea in the first place.

It will help some, but it's not definitive.

151. Re: [HTAPRS:182] TNC resetting

From: "bob" <w2g3zfj@unix.asb.com>
Date: Tue, 12 Jan 1999 15:51:56 -0500
To: <htaprs@tapr.org>, "dave vanhorn" <dvanhorn@cedar.net>
Message-ID: <010101be3e6d$66b751c0$1900a8c0@bob>

Rendered body type: text/plain

Hi Dave

You may have a point regarding the transient response . However, I was more interested in that it would work with my low current, low spec Rat Shack unit and not with the hi-spec (??) high current unit.

Transient response may be an issue and I'll look at that tonight with the 'scope however the unit definately shows a very marked disposition to reset.

Also note the different behaviour whether it is in Packet mode or APRS mode. I'll have to get the service manual when it becomes available to find out why.

To be continued........

73 de bob

-----Original Message-----
From: dave vanhorn <dvanhorn@cedar.net>
To: w2g3zfj@unix.asb.com <w2g3zfj@unix.asb.com>; htaprs@tapr.org <htaprs@tapr.org>
Date: Tuesday, 12 January, 1999 10:27
Subject: Re: [HTAPRS:182] TNC resetting

>
>>I suspect that the resistance of the MOUSER cable combined with a 13.8V
>supply is causing an internal reset.
>
>It's unlikely, unless the resistance of the DC cable is very high. If the
>power supply holds at 13.8V, and the radio resets because of voltage droop,
>then that would mean that the voltage at the radio input is less than 5.5V.
>That would require a VERY resistive cable. At 14V, the radio draws about
>1.5A on full power transmit. Even wire-wrap wire can hold that up for a
>meter or so.
>
>You may be seeing a problem in the supplies though. Transient response is
>something that most power supplies don't want to talk about. If you hit
>them with a load suddenly, they often droop quite a bit, before regaining
>regulation, and can even overshoot on the up-swing. I would be suspicious
>of the 50A supply. Unless it's a switcher, it's likely to have very poor
>output regulation. You may have to scope it to see the droop, it could be
>less than a few milliseconds, or as much as a few hundred milliseconds.
>
>I've not seen that symptom here, and I've run mine at anywhere from 5.5V to
>14V on an adjustable bench supply. (but I know it's got good transient
>response!)
>
>
>

152. Re: [HTAPRS:182] TNC resetting

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 12 Jan 1999 16:03:39 -0500
To: "bob" <w2g3zfj@unix.asb.com>, <htaprs@tapr.org>
Message-ID: <4.1.19990112155502.0099c650@192.168.0.1>
Rendered body type: text/plain

At 03:51 PM 1/12/99 -0500, bob wrote:
>Hi Dave
>
>You may have a point regarding the transient response . However, I was more
>interested in that it would work with my low current, low spec Rat Shack
>unit and not with the hi-spec (??) high current unit.

The high current units sometimes use inductive output filters, and this would cause really bad transient regulation.
I see in another post that KW indicates a 1V transient could affect the unit.

153. Re: [HTAPRS:196] D7A and DGPS?

From: Alan Crosswell <alan@columbia.edu>
Date: Tue, 12 Jan 99 16:35:03 EST
To: tkealey@ieee.org
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.916176903.alan@fozimane>

Rendered body type: text/plain

"Terry Kealey" <tkealey@ieee.org> said:

>Here is an additional item for the D7A wish list. Since the radio currently
>sends position reports as waypoints to the GPS, I was thinking that DGPS
>corrections could be another output. (the two probably cannot be send
>simultaneously to most receivers). This would be natural match since DGPS
>needs an external data link (radio and modem). The data would not need to be
>processed by the radio and could be passed directly to the GPS receiver.
>...

DGPS RTCM SC-104 messages are being sent on the aprs net by Tom as
"plain old packets" (and I hope to be able to do the same soon in
NYC). If the D7 were able to receive these (just plain old packet
binary data) and route them out the GPS port (or perhaps the Computer
port) so they could be fed to the GPS's DGPS input then you would have
a DGPS corrected setup! I believe some GPS's use a discrete second
serial port for RTCM SC-104 correction input and others are
configurable to accept the RTCM messages on the input of the same
serial port (the one that is currently getting waypoint updates).
This would be a feature to put on the long term wishlist:-) For GPS's
with a discrete DGPS input port, one could "Y" the GPS and Computer
connections and split the RxD and TxD the "right" way and get it to
work.

Example: the Rockwell Zodiac (as used in Delorme Tripmate) can accept
DGPS corrections on the 2nd serial port (which is not accessible on
the tripmate without some programming with a soldering iron and
magnifying glass:-) or on the main serial port but only when wrapped
in Rockwell binary message format -- hmmm a PIC hack?

Another example: Garmin's I believe have a config menu of NMEA/RTCM so
the corrections can come in on the same serial port.

So, if the D7 or future products could be setup to route all
corrections (e.g. addressed to a to-call of "DGPS") to the GPS port
this could be way cool:-)

73 de Alan N2YGK
PS: Anybody interested in making a contribution of a TNC-2 to W2AEE, the
    Columbia University ARC and perhaps a 2m data radio is welcome:-)
    I've already got the DGPS correction source lined up.

154. D7A reset, more info

From: "bob" <w2g3zfj@unix.asb.com>
Date: Tue, 12 Jan 1999 20:44:32 -0500
To: <htaprs@tapr.org>
Message-ID: <000501be3e96$45ec8ea0$0a00a8c0@main>
Rendered body type: text/plain

Hi Folks

Further to my posting yesterday regarding resetting of the D7A with a 13.8V
power supply. Using the 'scope tonight it looks like the culprit MAY be RF
on the power supply leads. Adding some decoupling improves the rate of
spurious resets but doesn't eliminate them. This could very well explain why
benchtesting with a 'good' power supply with a small lead length is OK but
when used in a car for example, the unit resets even though the supply
voltage is OK.

In this particular setup at home since I am emulating a car installation I
have a length of power lead terminating in a lighter plug, into a loose
socket which then goes to the main 13.8V psu. The MOUSER cable itself is
also quite long. This is probably not all that far different from a car
setup.

Further info, I butchered one of the MOUSER cables and added a 0.1u and
1.0uF cap at the plug close to the D7A, this made it 100% effective when
running max power out in not resetting the D7A. However, the volt drop along
the MOUSER cable measured at the plug is around 0.6V. If its true that a 1V
transient can disrupt the TNC then its mighty close to the limit.

When I tried to run the 30W amp then the volt drop was 2V measured at the
D7A and this reset the TNC. The drop is almost certainly due to the lighter
plug (as we all know they're not the best devices!) I could make a
regulator to isolate the D7A further from the pseudo vehicles power supply
an dthis may be the only way to go. I think for my business trip I'll just
use it barefoot!

Comments anyone?????

Bob w2/g3zfj

155. Add the Street Pilot to the list

From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
Date: Tue, 12 Jan 1999 22:54:43 -0500
To: htaprs@tapr.org
Message-ID: <369C1903.B201CCE1@worldnet.att.net>
Rendered body type: text/plain

To All:

I've got my Garmin Street Pilot up and running with the D7. All seems fine. No compliments to Kenwood on the quality of the OEM GPS cable.

George W3GP

156. Re: [HTAPRS:180] Re: POSitions

From: "Rich Casey" <casey@acm.org>
Date: Tue, 12 Jan 1999 21:55:15 -0600
To: <reeves@worldaccessnet.com>, <htaprs@tapr.org>
Message-ID: <00bd01be3ea9$0991d560$5b6afea9@casey8>
Rendered body type: text/plain

Thanks! I remember reading that but it didn't mean anything to me at the time... it does now!

Rich
-----Original Message-----
From: Ron Reeves <reeves@worldaccessnet.com>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Tuesday, January 12, 1999 12:50 AM
Subject: [HTAPRS:180] Re: POSitions

>Try this bit of info.
>
>"If using a GPS receiver, you can copy the measured data to the position
>entry display for Menu 2-3. Press [POS] to display the measured data, then
>press [OK]. "COPY to MENU?" appears. Press [OK] again."
>
>Ron Reeves
>N7QXO
>
>
>At 11:56 PM 1/11/99 -0600, you wrote:
>>
>>>It rode on my commute today. Worked great EXCEPT, at both ends of the
>>>commute, I turned off the GPS when I was "destinated," then changed my H/T
>>>to NMEA off, and found that the POS had changed to a few miles away! I had
>>>to put the last location back in manually. Anyone else notice this?
>>>Tomorrow, I'll try switching NMEA off before my shut down the GPS...
>>
>>
>>I believe that's normal, your keyed in posit is preserved while on NMEA,
>>then restored when you turn off NMEA.
>>Check on the sig, cause I'm not 100% sure on that.
>>
>>
>>I'm also trying to track some odd behaviour with the xmit key. There are a
>>lot of times when I key, that it dosen't tx. Haven't isolated why yet.
>>
>

157. Re: [HTAPRS:193] ICONS and such

From: "Rich Casey" <casey@acm.org>
Date: Tue, 12 Jan 1999 21:58:46 -0600
To: <hammock@sierra.jpl.nasa.gov>, <htaprs@tapr.org>
Message-ID: <00be01be3ea9$0c420140$5b6afea9@casey8>

Rendered body type: text/plain

Re Icons:
 Noticed tha same thing. I believe that APRS+SA is using the default
meanings for the Icons based on the SSIDs. From my old APRS 7.9.7 docs, the
SSID of -7 is an airplane. You might try a -14 for a truck and see what
that does... bet it'll be a truck

Rich

-----Original Message-----
From: Randy Hammock <hammock@sierra.jpl.nasa.gov>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Tuesday, January 12, 1999 1:32 PM
Subject: [HTAPRS:193] ICONS and such

>I've tried reading the documentation for the radio many times and I'd
>like to think I've read all the documentation there is for APRS in
>general about setting ICONS and such. But no matter how I set my D7A,
>the only thing that causes APRS+SA to show the proper ICON is to have
>the ssid set to the value that used to be recommended for a particular
>ICON. As far as I can tellm the D7A has never sent a status packet to
>cause the ICON to showup at it "assigned" value.
>
>What I want is my D7A to show up as is a pickup truck or horse and rider
>(depending on what mode of transportation I'm using at the moment. I
>would also like to use an ssid of "-7" (per recommendation) to indicate
>D7A operation. Everytime I have the SSID set to "-7", I always showup as
>an airplane, regardless of the ICON and/or UNPRTO settings. I've tried
>using APRS 2-5 >ICON OTHER /e for equestrian and ICON <truck symbol> and
>I showup as <airplane>. I try APRS 2-A >UNPROTOCOL GPSLK, I showup as
><airplane>. As long as SSID = "-7", I show up as <airplane>.
>
>I've put text into the status APRS 2-6 >STATUS TEXT menu selection and
>have never seen it show up in the status window of APRS+SA.
>
>What am I not doing correctly?
>--
>Randy Hammock   KC6HUR | Jet Propulsion Laboratory
>mailto:Randy.Hammock@jpl.nasa.gov | M/S: 301-270
> Voice: +1-818-354-0628 | 4800 Oak Grove Drive
> | PASADENA CA 91109
>

158. schematic

From: "Tim Cunningham" <cunninghamt@usa.net>
Date: Tue, 12 Jan 1999 23:13:56 -0600
To: <htaprs@tapr.org>
Message-ID: <000701be3eb3$8618e880$b57a2499@cunninghamt>
Rendered body type: text/plain

Did anybody receive a schematic with their TH-D7A?

I did not find one in my box.

Tim - N8DEU
Huntsville, AL

159. Re: [HTAPRS:205] schematic

From: bobj <bobj@mediaone.net>
Date: Wed, 13 Jan 1999 08:32:14 -0500
Cc: htaprs@tapr.org
Message-ID: <369CA05E.AFEE65E8@mediaone.net>
Rendered body type: text/plain

It didn't come with the my D7A user manual but it does come with the
maintenance manual that I bought from HRO..

  DE K1kas

Tim Cunningham wrote:

> Did anybody receive a schematic with their TH-D7A?
>
> I did not find one in my box.
>

> Tim - N8DEU
> Huntsville, AL

160. soft case?

From: Alan Crosswell <alan@columbia.edu>
Date: Wed, 13 Jan 99 10:14:29 EST
To: htaprs@tapr.org
Message-ID: <CMM.0.90.4.916240469.alan@fozimane>
Rendered body type: text/plain

Can anyone comment on the Kenwood soft case for the D7? Does it have the necessary openings to be able to plug in the power, gps, pc, mic, sp jacks?
73 de Alan N2YGK

161. Re: [HTAPRS:207] soft case?

From: "bob" <w2g3zfj@unix.asb.com>
Date: Wed, 13 Jan 1999 11:44:12 -0500
To: <alan@columbia.edu>, <htaprs@tapr.org>
Message-ID: <009401be3f13$fbc0d600$1900a8c0@bob>
Rendered body type: text/plain

Hi Alan

I ordered one from AES, they sent the one for the G71 (thats whats in there price list). After returning it and asking for the correct case I received a note from them yesterday saying that they can't supply as they have not got a delivery date from Kenwood.

Bob
-----Original Message-----
From: Alan Crosswell <alan@columbia.edu>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Wednesday, 13 January, 1999 10:32
Subject: [HTAPRS:207] soft case?

>Can anyone comment on the Kenwood soft case for the D7? Does it have the
>necessary openings to be able to plug in the power, gps, pc, mic, sp jacks?
>73 de Alan N2YGK
>
>

162. Re: [HTAPRS:207] soft case?

From: Kenwood <cuyeda@ix.netcom.com>
Date: Wed, 13 Jan 1999 14:00:29 -0800
To: alan@columbia.edu
Cc: htaprs@tapr.org
Message-ID: <4.1.19990113135417.00926c90@199.182.120.3>
Rendered body type: text/plain

The TH-D7A is being fitted for a soft case and should be available from Kenwood soon. Please do not buy the TH-G71A case to use on the TH-D7A. An alternative suggestion, would be to find a similar generic case fitted for cellular phones or other radio products to protect your TH-D7A from scratches or from dropping it on the ground. You can also wait for a new soft case to be released soon.

At 09:19 AM 1/13/99 -0600, you wrote:
>Can anyone comment on the Kenwood soft case for the D7? Does it have the
>necessary openings to be able to plug in the power, gps, pc, mic, sp jacks?
>73 de Alan N2YGK
>

163. Price?

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Wed, 13 Jan 1999 15:53:58 -0700
To: <htaprs@tapr.org>
Message-ID: <04ae01be3f47$9b15d600$0d01a8c0@toms.altahealth.net>
Rendered body type: text/plain

Would anyone mind sending me email to let me know where they found the best price for the D7A? If you would send me how much you paid for it, and WHEN you got it, I will compile a list and send the top three back to the list. I'll make sure to include a full-service dealer in their own category.
PLEASE RESPOND DIRECTLY TO ME, NOT THE SIG.

Tom NY4I
-----Original Message-----
From: Kenwood <cuyeda@ix.netcom.com>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Wednesday, January 13, 1999 3:24 PM
Subject: [HTAPRS:209] Re: soft case?

>The TH-D7A is being fitted for a soft case and should be available from
>Kenwood soon. Please do not buy the TH-G71A case to use on the TH-D7A. An
>alternative suggestion, would be to find a similar generic case fitted for
>cellular phones or other radio products to protect your TH-D7A from
>scratches or from dropping it on the ground. You can also wait for a new
>soft case to be released soon.
>
>
>
>At 09:19 AM 1/13/99 -0600, you wrote:
>>Can anyone comment on the Kenwood soft case for the D7? Does it have the
>>necessary openings to be able to plug in the power, gps, pc, mic, sp
jacks?
>>73 de Alan N2YGK
>>
>

164. RE: [HTAPRS:193] ICONS and such

From: "Hector M. Figueroa" <hfigueroa@earthlink.net>
Date: Wed, 13 Jan 1999 16:06:28 -0800
To: <hammock@sierra.jpl.nasa.gov>, <htaprs@tapr.org>
Message-ID: <000001be3f51$bb6df900$ec06b2d1@home>
Rendered body type: text/plain

Hello Randy,

I just finished a test and I have been able to properly decode any symbol
that I have input via Menu 2-5. I am using APRS+SA 9.21. I am using a 200
series TH-D7. Don't know if you might have a different firmware build than
me, but It seems to be working correctly here.

I have notice however, that in order for another stations icon to be
properly displayed on the TH-D7, it must use the tocall method of icon
designation.

Good luck in your search.

Hector KE6VRL
mailto:hfigueroa@geocities.com

> -----Original Message-----
> From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Randy Hammock
> Sent: Tuesday, January 12, 1999 11:30 AM
> To: htaprs@tapr.org
> Subject: [HTAPRS:193] ICONS and such
>
>
> I've tried reading the documentation for the radio many times and I'd
> like to think I've read all the documentation there is for APRS in
> general about setting ICONS and such. But no matter how I set my D7A,
> the only thing that causes APRS+SA to show the proper ICON is to have
> the ssid set to the value that used to be recommended for a particular
> ICON. As far as I can tellm the D7A has never sent a status packet to
> cause the ICON to showup at it "assigned" value.
>
> What I want is my D7A to show up as is a pickup truck or horse and rider
> (depending on what mode of transportation I'm using at the moment. I
> would also like to use an ssid of "-7" (per recommendation) to indicate
> D7A operation. Everytime I have the SSID set to "-7", I always showup as
> an airplane, regardless of the ICON and/or UNPRTO settings. I've tried
> using APRS 2-5 >ICON OTHER /e for equestrian and ICON <truck symbol> and
> I showup as <airplane>. I try APRS 2-A >UNPROTOCOL GPSLK, I showup as
> <airplane>. As long as SSID = "-7", I show up as <airplane>.
>
> I've put text into the status APRS 2-6 >STATUS TEXT menu selection and
> have never seen it show up in the status window of APRS+SA.
>
> What am I not doing correctly?
> --
> Randy Hammock   KC6HUR | Jet Propulsion Laboratory

> mailto:Randy.Hammock@jpl.nasa.gov | M/S: 301-270
> Voice: +1-818-354-0628 | 4800 Oak Grove Drive
> | PASADENA CA 91109
>
>

165. Re: [HTAPRS:208] Re: soft case?

From: "Rich Casey" <casey@acm.org>
Date: Wed, 13 Jan 1999 18:26:00 -0600
To: <w2g3zfj@unix.asb.com>, <htaprs@tapr.org>
Message-ID: <015901be3f54$81db7ac0$5b6afea9@casey8>
Rendered body type: text/plain

Check out your local Wolf's Camera. They have a black leather case for $10
that works quite well.
Rich

-----Original Message-----
From: bob <w2g3zfj@unix.asb.com>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Wednesday, January 13, 1999 10:52 AM
Subject: [HTAPRS:208] Re: soft case?

>Hi Alan
>
>I ordered one from AES, they sent the one for the G71 (thats whats in there
>price list). After returning it and asking for the correct case I received
a
>note from them yesterday saying that they can't supply as they have not got
>a delivery date from Kenwood.
>
>
>Bob
>-----Original Message-----
>From: Alan Crosswell <alan@columbia.edu>
>To: htaprs@tapr.org <htaprs@tapr.org>
>Date: Wednesday, 13 January, 1999 10:32
>Subject: [HTAPRS:207] soft case?
>
>
>>Can anyone comment on the Kenwood soft case for the D7? Does it have the
>>necessary openings to be able to plug in the power, gps, pc, mic, sp
jacks?
>>73 de Alan N2YGK
>>
>>
>

166. Re: [HTAPRS:211] RE: ICONS and such

From: Greg Kulosa <greg@gnac.com>
Date: Wed, 13 Jan 1999 17:16:29 -0800
To: hfigueroa@earthlink.net, htaprs@tapr.org
Message-ID: <19990113171629.A4742@sharra.main.gnac.com>
Rendered body type: text/plain

> .... I am using a 200 series TH-D7. Don't know if you might
> have a different firmware build than me, but It seems to be working
> correctly here.

Where do you see the version info for your D7A?

What do you mean by "200 series"?

When I init the Packet TNC (Not APRS - hit [TNC] twice), then I get
the following:

TASCO Radio Modem
AX.25 Level 2 Version 2.0
Release 08/18/98 2Chip ver 1.00

Does yours say anything different? Does anyone else have different
version strings?

--
Greg A. Kulosa | "The avalanche has already started, it is too

```
Systems Administrator   |  late for the pebbles to vote." - Ambassador Kosh
GNAC, Inc.              |_____________________________________________________
greg@gnac.com           999 Main Street - Redwood City, CA  94063
```

167. Re: [HTAPRS:202] Add the Street Pilot to the list

From: "George S. Pappayliou" <AA8MA@worldnet.att.net>
Date: Wed, 13 Jan 1999 21:22:26 -0500
To: irasachs@wwa.com
Cc: htaprs@tapr.org
Message-ID: <369D54E2.62AC43B0@worldnet.att.net>
Rendered body type: text/plain

Ira-

No I used the OEM cable that came in the D7 box and mated it to Garmin's Power Data Cable (part no. 010-10082-00). The wiring is straightforward:

D7 cable	Garmin Cable	Cig Ltr Plug
red	brown	---
white	white	---
shield	black	white
---	red	red

I chose to add a cigarette lighter plug to supply power to the Street Pilot because it sucks batteries dry so quickly when the baclighting is on.

Only problem it the ---- Kenwood OEM cable. The wires must be tinned before soldering. I'm sure the Mouser cable would work better (it couldn't be any worse) but I was anxious to get up and running so I used the Kenwood cable.

73s George W3GP
Ira Sachs wrote:

> Did you use a different cable to attach the Street Pilot to the D7?
> Ira WB9HNV
>
> George S. Pappayliou wrote:
>
> > To All:
> >
> >   I've got my Garmin Street Pilot up and running with the D7. All
> > seems fine. No compliments to Kenwood on the quality of the OEM GPS
> > cable.
> >
> > George W3GP

168. Re: [HTAPRS:204] Re: ICONS and such

From: "Rich Casey" <casey@acm.org>
Date: Wed, 13 Jan 1999 22:28:07 -0600
To: "Randy Hammock" <hammock@sierra.jpl.nasa.gov>, <htaprs@tapr.org>
Message-ID: <01af01be3f76$6ca38860$5b6afea9@casey8>
Rendered body type: text/plain

Already got an answer from Brent! And it is.. we've got to download the new version of APRS+SA!

But what version of APRS+SA are you running? If you are still running v0.9.20, it predates the D7 and did not fully support it. v0.9.22 is now posted. You need to do a complete download of APRS+SA to update the program. BH, KH2Z

73
Rich

-----Original Message-----
From: Randy Hammock <hammock@sierra.jpl.nasa.gov>
To: Rich Casey <casey@acm.org>
Date: Wednesday, January 13, 1999 6:42 PM
Subject: Re: [HTAPRS:204] Re: ICONS and such

>Rich Casey wrote:
>>
>> Geez... I was only trying to help.
>>

>> If YOUR point was to complain about APRS+SA, I don't believe he is on
this
>> mailing list. You would be better off bringing this up in an e-mail to
the
>> APRS SIG, or sending the author a message directly. As I just recently
sent
>> my reg in, I'll let him know of the problem.
>
>Sorry you got my message wrong, but I was really curious why things were
>not working the authors were describing them. For over a year now, they
>have been saying the use of GPSxyz will over ride what the SSID sets;
>however, after many versions, I still have not seen that happen. I was
>really pushing the point that what is being preached is not working for
>me and what I'm able to do, especially since no particular version was
>ever mentioned. Sorry I did not state in my original post that, yes, if
>I put -14 in the SSID, I see a pickup truck, but I don't want to use the
>-14 but would rather use -7 in the manner as described by the authors.
>
>It's only a hobby, it's only a hobby.
>--
>Randy Hammock   KC6HUR | Jet Propulsion Laboratory
>mailto:Randy.Hammock@jpl.nasa.gov | M/S: 301-270
> Voice: +1-818-354-0628 | 4800 Oak Grove Drive
> | PASADENA CA 91109
>

169. Re: [APRSSIG:32781] APRSSIG digest 1891: about D7

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Thu, 14 Jan 1999 09:36:06 -0800
To: <aprssig@tapr.org>, <milnes@openix.com>, <htaprs@tapr.org>
Message-ID: <9901149163.AA916335933@ccgate.apl.com>
Rendered body type: text/plain

Replying also to the HTAPRS list as I think it's most of interest
there. HTAPRSers, if you reply to this list I don't think you can
expect that Ralph will see it.

>From: Ralph Milnes <milnes@openix.com>

>I'm still trying to sort out the practicality of the TH-D7A. I'm reading a
>lot of "I love mine" postings, but I'm not convinced.

Well, I do love mine, but it's reasonable for you to ask for somewhat
more solid info.

>(Playing devil's advocate): As best I can tell, it's a low power dual band
>radio with a TNC and a tedious to operate "keyboard". That would seem to
>make it best used for "foot-mobile" operations only and not as good for
>tracking (auto, bike, etc) or fixed operations (Wx, home, digi).

Yes, it's a low power dual band radio with a TNC. And sure, the
keyboard would be beyond tedious for sending lengthy text. But that's
not what it's for or, so far as I can tell, what APRS is for. It
doesn't digipeat (whether that's a "bug" or a "feature" depends on
your point of view.)

I took mine in a rental car in December and drove over 1,500 miles in
Florida and Georgia. Saw my packets coming back most of the time,
except for about a 100 mile stretch in southern GA. Why wouldn't you
want it on a bicycle? (Or a horse? or...?) I think it's great for
tracking, with one important caveat: There has to be a good network of
digis in place.

When I read that the D7 stores heard stations into the connected GPS
as waypoints I absolutely hated the idea. Now I find it's one of the
coolest features, because it makes the track display of my GPS show me
where I am relative to APRS stations (and objects.) Way cool, even if
the police in one town wondered why I drove around the county
administration building three time watching my track circle the EOC
blip!

It probably isn't the first choice for home APRS if only because you
could much more cheaply use any recycled VHF hi-band unit retired from
local government service and a TNC.

Actually, the limited power is much less of an issue if you can use a
decent antenna with a ground plane, so in some ways the D7 is actually
better suited to vehicular use than pedestrian.

>How are owners using them most often? Digital QSOs? Voice (no digital)?
>trackers? other?

I've only had mine for a few weeks, but I've used it at home, in the
cr, on foot, and on the ferry. I've used it for tracking, for voice
QSOs and, to my surprise, I have used the text messaging more than a
little. I have not yet used it for conventional packet but will (when
I have a serial port available to connect to!)

I think I will mostly use it for mobile tracking, and secondarily as a
backup voice radio.

If one just wanted a dual band HT and didnt need or want the digital
functions or the other specialty functions, I don't think one would
shell out $400+.

>Is this the unit we would recommend for APRS newbies? Is it a practical
>device or more of a "niche" product for some of the APRS community?

It doesn't offer full APRS function, but it's a significant subset.
It's bringing new people on APRS (myself included), with all the
benefits and burdens that implies.

>I'd be interested in an unbiased evaluation: What's good about 'em? what
>are the downsides (generally speaking; I don't want a bug report)? Is it
>really better than just using an HT and TNC?

Yes, it's better than using an HT and a THC. The main reason for that
is simple reduction in the number of widgets. For installation in your
own vehicle, it's not such an issue, but in mixed mobile/portable
work, rental cars, served agency vehicles, and so on, the fewer things
I have to transfer the better even if the total size and weight is the
same. The most likely failure in that kind of use is in cables and
connectors, so the fewer of those I have the happier I am. If they
incorporated a GPS receiver into the same case (eliminating at least
two cables) I'd probably buy TWO of them next week.

>Ralph, KC2RLM

Neil KE6NCX

170. Power output?

From: "Tim Russell" <timruss@home.com>
Date: Thu, 14 Jan 1999 11:45:20 -0600
To: <htaprs@tapr.org>
Message-ID: <000701be3fe5$a7c94a00$1000000a@omaha01>
Rendered body type: text/plain

The manual states the power output on L and EL for the 6 volt batteries,
but not for the 9.6 volt batteries. Does anyone know what it is?

    I hadn't grasped before reading the manual more that the D7 puts out 5
watts on battery on H with the 9.6 volt battery. Pretty cool! Hopefully I
can get an SMA-BNC adapter at the St. Joseph MO hamfest this weekend and see
how things work with the quarter wave on the roof in the car.

    Next question: should the Maha charger be used with the contacts on the
radio side of the battery, or the outside ones? I've noticed that the
battery reads 3 volts on the external charger contacts, but more like 11 at
full charge on the radio side. I've been charging it on the radio side,
mostly because the battery's flat that way.

    I have to say that, other than interfacing to other antennas, I'm
starting to like the SMA connector - it seems a lot more rugged (and
smaller) than a BNC.

                                                Tim, N0ZHY

171. Re: [HTAPRS:216] Re: [APRSSIG:32781] APRSSIG digest 1891: about D7

From: Alan Crosswell <alan@columbia.edu>
Date: Thu, 14 Jan 99 13:14:23 EST
To: neil_fullagar@ccgate.apl.com
Cc: htaprs@tapr.org, aprssig@tapr.org
Message-ID: <CMM.0.90.4.916337663.alan@fozimane>
Rendered body type: text/plain

Something some of us D7-lovers are forgetting when we praise our new
toy. It is not just a combined APRS and Mic-E gadget:

- It is a serviceable *dual speed* 1200/9600 baud TNC. I have
  connected to 1200 and 9600 PBBS's with no problem. Some people do
  this with their Palm pilot or other palmtops. I've done it with my
  laptop.

- It is more flexible than most rig/TNC combinations when it comes to
  doing voice and packet at the same time on the same band (Kenwood
  TM-V7 being the exception I know of). This is done by being smart
  about when it transmits so that if one is receiving in band on the other
  VFO it will not transmit until the voice VFO squelch closes. As an
  ARES/RACES type I find this quite attractive since, unfortunately
  our primary voice and packet systems we use are both on 2m.

- Similary, one can do simultaneous voice and data using one compact
  highly portable package when voice and data are not on different bands.

- It spies on DX Clusters and displays the DX spots.

- It is a control widget for the SSTV VC-H1. If you've already spent $500
  on the VC-H1, throw in another $450 and you can remote control it:-)

- It is a Sky Command remote. Get a pair of D7's and hook one to your
  Kenwood HF rig and you've got a simple remote base.

It is still an HT and has the usual drawbacks. For serious packet (is
there such a thing:-) use a rockbound rig pulled from a 1970's highway
patrol car, a giant cavity filter, and a $200 TNC:-)

73 de Alan N2YGK

172. approximate position question

From: Alan Crosswell <alan@columbia.edu>
Date: Thu, 14 Jan 99 13:52:59 EST
To: aprssig@tapr.org, Bob Bruninga <bruninga@nadn.navy.mil>
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.916339979.alan@fozimane>
Rendered body type: text/plain

>This is why the APRS protocol supports "position ambiguity" so you can
>enter the APPROX lat/long of a city and you will show up there, but

How does one enter an approximate posit with the D7?
/a

173. Re: approximate position question

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 14 Jan 1999 14:58:17 -0500 (EST)
To: Alan Crosswell <alan@columbia.edu>
Cc: aprssig@tapr.org, htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901141452150.10599-100000@arctic>
Rendered body type: text/plain

On Thu, 14 Jan 1999, Alan Crosswell wrote:

> >This is why the APRS protocol supports "position ambiguity" so you can
> >enter the APPROX lat/long of a city and you will show up there, but
>
> How does one enter an approximate posit with the D7?

Well, good question!
It requried changes to the MENU process and so was deferred to the next
model. But I will make the following suggestion to the other AUTHORS.
If any posit ends in .00/.00 (thats one chance in 10,000) then it should
be considered an ambiguous posit with 1 mile ambiguity circle...

That way, any manual entered position can be conveyed to all observers
that the position is only a guestimate. ANd it will SHOW you that it is a
guestimate on the map...

bob

174. Re: [HTAPRS:220] Re: approximate position question

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 14 Jan 1999 15:45:33 -0500 (EST)
To: htaprs@tapr.org
Cc: aprssig@tapr.org
Message-ID: <Pine.GSO.4.05L.9901141537370.10599-100000@arctic>

Rendered body type: text/plain

> > How does one enter an approximate posit with the D7?
>
> Bob Replied: If any posit ends in .00/.00 (thats one chance in 10,000)
> then it should be considered an ambiguous posit with 1 mile ambiguity
> circle...

This was such a brilliant solution, I implemented it immediately in
APRSdos. It was beautiful. As soon as I tested the code, I instantly saw
3 THD7's on the map that I would not have even known were there!

At the four mile scale, all xxxx.00/xxxxx.00 posits now show as an
ambiguity circle of 1 mile radius. There was mine, and two other locals.
One was at the identical address of his IGATE and so I never saw his ICON
or call, since it was overlayed with this IGate, but with this new
ambiguity feature, when I looked at the 4 mile map, his IGATE now has a 1
mile circle around it telling me there is an ambiguous THD7 underneath!

Neat. Since this is no change to the on-air protocol and only a local
display function only, I went ahead and implemented it on my own...
I put the change in APRS828 and APRSmax and reposted it just minutes
ago...

de WB4APR, Bob

175. Re: [HTAPRS:221] Re: approximate position question

From: Steve Dimse K4HG <k4hg@tapr.org>
Date: Thu, 14 Jan 1999 16:05:36 -0500
To: "Bob Bruninga" <bruninga@nadn.navy.mil>, <htaprs@tapr.org>
Message-ID: <199901142106.PAA24850@tapr.org>
Rendered body type: text/plain

On 1/14/99 3:47 PM Bob Bruninga (bruninga@nadn.navy.mil) wrote:

>> > How does one enter an approximate posit with the D7?
>>
>> Bob Replied: If any posit ends in .00/.00 (thats one chance in 10,000)
>> then it should be considered an ambiguous posit with 1 mile ambiguity
>> circle...
>
>This was such a brilliant solution, I implemented it immediately in
>APRSdos. It was beautiful. As soon as I tested the code, I instantly saw
>3 THD7's on the map that I would not have even known were there!
>
Huh? If they were entering 00/00 already, wouldn't they still have shown
up?

>At the four mile scale, all xxxx.00/xxxxx.00 posits now show as an
>ambiguity circle of 1 mile radius. There was mine, and two other locals.
>One was at the identical address of his IGATE and so I never saw his ICON
>or call, since it was overlayed with this IGate, but with this new
>ambiguity feature, when I looked at the 4 mile map, his IGATE now has a 1
>mile circle around it telling me there is an ambiguous THD7 underneath!
>
How do you identify the circle as belonging to a specific station?

>Neat. Since this is no change to the on-air protocol and only a local
>display function only, I went ahead and implemented it on my own...
>I put the change in APRS828 and APRSmax and reposted it just minutes
>ago...
>
And this is compatible with my programs. Since I cannot control the
drawing of maps by MapBlast, there is no way I can convey ambiguity in
this medium. Also, since the maps used with javAPRS are typically low
resolution, I do not anticipate changing the display for these either.

Steve K4HG

176. PCMCIA Card TNC ideas????

From: jtennant@sbccom.com (Jacob Tennant)
Date: Thu, 14 Jan 1999 17:11:55 -0500
To: "APRS-HT" <htaprs@tapr.org>, "APRS-NE" <ne-aprs@qth.net>,
        "APRSNEWS" <aprsnews@tapr.org>, "APRSSIG" <aprssig@tapr.org>
Message-ID: <19990114222121521.AAA110@mail.sbccom.com@wvu.edu.wvu.edu>
Rendered body type: text/plain

Hello everyone, I was wondering today while wasting away on a snow day from
work (school bus driver) if anyone had tried to look at the possibility of

making or adapting a tnc for laptop/palmtop computers in the design similar
to the PCMCIA card telephone modems?

If not, was going to mention this idea to some of the major tnc
manufacturers (MFJ,Kantronics,AEA/Timewave,Paccomm) to see if they have
looked at the idea also.

OR, Does anyone have the information as to what pins in the PCMCIA port
cooresponds to a similar pin of a serial port?

Part of this questions arises from a relative of mine has 2 or 3 14.4bps
PCMCIA modems from work that are just sitting around and he said I could
have them in the near future. So I was thinking of maybe butchering them so
as to try to work out this idea.

I know that they are surface-mount items but thought why not try? Also 2 of
the 3 don't work anyway...

73's Jacob Tennant,KB8QIR

177. Re: [HTAPRS:221] Re: approximate position question

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 14 Jan 1999 16:37:40 -0500 (EST)
To: Steve Dimse K4HG <k4hg@tapr.org>
Cc: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901141630060.10599-100000@arctic>
Rendered body type: text/plain

> >It was beautiful. As soon as I tested the code, I instantly saw
> >3 THD7's on the map that I would not have even known were there!
> >
> Steve said: Huh? If they were entering 00/00 already, wouldn't they
> still have shown up?

Yes, but I had not noticed they were THD7's. I had not looked closely
and to me there were just the usual numbers of people on the map. When I
zoomed in to the 4 mile scale, instantly the THD7's popped up with these
big circles around them....

> And this is compatible with my programs. Since I cannot control the
> drawing of maps by MapBlast, there is no way I can convey ambiguity in
> this medium...

I think you can by changing the way the call is displayed, such as by
enclosing it in braces if it is ambiguous as in {W7LUS} instead of
W7LUS...

de WB4APR

178. TNC suggestions...

From: jtennant@sbccom.com (Jacob Tennant)
Date: Thu, 14 Jan 1999 19:42:03 -0500
To: "APRSSIG" <aprssig@tapr.org>, "APRSNEWS" <aprsnews@tapr.org>,
        "APRS-NE" <ne-aprs@qth.net>, "APRS-HT" <htaprs@tapr.org>
Message-ID: <19990115005130445.AAA129@mail.sbccom.com@wvu.edu.wvu.edu>
Rendered body type: text/plain

Good evening everyone,

I am needing to purchase a new tnc for my home and mobile use with APRS and
was looking to the group as per suggestions as to which tnc to purchase.

Have read mostly about the Kantronics KPC-3+ since it offers a second
serial port option for GPS data input for mobile use as a tracker hooked to
a laptop computer, and since I would be using that tnc in the car was
looking at using another tnc of the same model at home and for any other
tnc's I may need/use so as to have uniformity within my own personal
system...

73's Jacob W. Tennant, KB8QIR

179. Another TNC question...

From: jtennant@sbccom.com (Jacob Tennant)
Date: Thu, 14 Jan 1999 21:27:32 -0500
To: "APRSSIG" <aprssig@tapr.org>, "APRSNEWS" <aprsnews@tapr.org>,
        "APRS-NE" <ne-aprs@qth.net>, "APRS-HT" <htaprs@tapr.org>
Message-ID: <19990115023700186.AAA168@mail.sbccom.com@wvu.edu.wvu.edu>
Rendered body type: text/plain

Hello everyone, A friend mentioned to me about a TNC kit article in the
September 1998 issue of QST that could be built for about $20.00 and I was
wondering if it was compatable with APRS?

73's Jacob W. Tennant, KB8QIR

180. Re: [HTAPRS:226] Another TNC question...

From: Steve Dimse <sdimse@netrox.net>
Date: Thu, 14 Jan 1999 21:42:35 -0500
To: <jtennant@sbccom.com>, <htaprs@tapr.org>
Message-ID: <199901150242.VAA26867@netrox.net>
Rendered body type: text/plain

On 1/14/99 9:35 PM Jacob Tennant (jtennant@sbccom.com) wrote:

>Hello everyone, A friend mentioned to me about a TNC kit article in the
>September 1998 issue of QST that could be built for about $20.00 and I was
>wondering if it was compatable with APRS?
>
Sounds like a BayComm, which is not a TNC, but a modem, dependent on
sofware in the PC to run. It is not compatible with and version of APRS.

Steve K4HG

181. GPS & TH D7A webpage

From: Kevin Kelly <kkelly@radix.net>
Date: Thu, 14 Jan 1999 22:08:38 -0500
To: "aprssig@tapr.org" <aprssig@tapr.org>, htaprs@tapr.org
Message-ID: <369EB136.69F0C4A0@radix.net>
Rendered body type: text/plain

Greetings SIG's

I have just uploaded a new webpage http://www.qsl.net/n6qab/n6qabgps.htm
dedicated to tracking GPS's that work and don't work with the TH D7A. On
the page you will find NMEA sentences from each GPS and a comparison of
$GPGGA sentences. I would like to make as complete a list as possible,
so if you have a sample of NMEA from your favorite GPS and can know if
it works or not with the TH D7A drop me a private email, not to the SIG.
I will add it to the page.

Thanks
--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab/index.htm

182. Re: [HTAPRS:217] Power output?

From: Ira Sachs <irasachs@wwa.com>
Date: Thu, 14 Jan 1999 21:46:05 -0600
To: timruss@home.com
Cc: htaprs@tapr.org
Message-ID: <369EB9FD.BC51D1DD@wwa.com>
Rendered body type: text/plain

MAHA charger works like a champ with the 9.6 volt batteries.
Make sure you connect the charger to the inside terminals on
the battery and not the outside (3) terminals.
You can use the discharge feature on the inside terminals only
and it works extremely well.
Ira WB9HaveNoVices

Tim Russell wrote:

>   The manual states the power output on L and EL for the 6 volt batteries,
> but not for the 9.6 volt batteries. Does anyone know what it is?
>
>   I hadn't grasped before reading the manual more that the D7 puts out 5
> watts on battery on H with the 9.6 volt battery. Pretty cool! Hopefully I
> can get an SMA-BNC adapter at the St. Joseph MO hamfest this weekend and see
> how things work with the quarter wave on the roof in the car.
>
>   Next question: should the Maha charger be used with the contacts on the
> radio side of the battery, or the outside ones? I've noticed that the
> battery reads 3 volts on the external charger contacts, but more like 11 at
> full charge on the radio side. I've been charging it on the radio side,
> mostly because the battery's flat that way.
>

>   I have to say that, other than interfacing to other antennas, I'm
> starting to like the SMA connector - it seems a lot more rugged (and
> smaller) than a BNC.
>
>   Tim, N0ZHY

183. Re: [HTAPRS:220] Re: approximate position question

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 15 Jan 1999 04:49:23 -0600
To: <htaprs@tapr.org>
Message-ID: <008401be4074$c12712e0$0100a8c0@compaq>
Rendered body type: text/plain

The GPS isn't outputting 0's, but the TH-D7A will display this until it gets a "Valid" fix from the GPS.
  If you want to avoid these "0" posits from being transmitted, I turn off the BCN right before I shut down when parking somewhere. Then when I turn the radio back on to leave, I press the POS button and glance at the display while waiting for the new valid fix, then turn the BCN back on when the D7 gets the new fix. For warm GPS restarts, I usually get a fix from the Garmin in under a minute. It is an extra step or two, but it works.

Jim N0RMO
Omaha NE

-----Original Message-----
From: Paul Malarcher <sherwin_malarcher@compuserve.com>
To: aprssig@tapr.org <aprssig@tapr.org>
Date: Thursday, January 14, 1999 9:20 PM
Subject: [APRSSIG:32834] [HTAPRS:220] Re: approximate position question
>Speaking of 0 position data, one of my pet peaves is that while my GPS III
>is getting its fix it outputs 0's. This results in somewhat amusing, but
>not very useful, tracks - especially if I park in a parking garage.
>
>May I suggest to not only Kenwood, but also Kantronics and anyone else who
>takes GPS data and broadcasts it automatically, that a posit that is all
>0's be ignored and treated as bad data. I seem to remember seeing that
>

184. GPS/TH D7A compatability webpage updated

From: Kevin Kelly <kkelly@radix.net>
Date: Fri, 15 Jan 1999 15:32:23 -0500
To: "aprssig@tapr.org" <aprssig@tapr.org>, htaprs@tapr.org
Message-ID: <369FA5D7.4C1E123@radix.net>
Rendered body type: text/plain

Greetings SIG's

        I have just updated the GPS/THD7A compatibility webpage http://www.qsl.net/n6qab/n6qabgps.htm. I am looking for NMEA data (10 lines only) from any GPS that has been interfaced with the TH D7A successfully or not. A pattern is starting to take shape. Please send GPS info to me at kkelly@radix.net. Thanks
--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

185. THD7 Wallet cards

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 15 Jan 1999 20:20:40 -0500 (EST)
To: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901152011540.15840-100000@arctic>
Rendered body type: text/plain

One project for an enterprising individual is to make some nice little wallet cards. One one side is a map of the USA with lat/long grids every 5 degrees and on the other is a list of the LAT/LONG of major cities.

Thus the traveler without his GPS can just whip out his wallet and estimate his position. It wont be too close, but close enough to show us what city he is in when he is conversing via APRServe.

Actually, a real enterprising person might consider making a 52 card deck. One such map for each state! Prior to travel you only need to take the cards for your trip.   Even such a small map of a whole state should allow you to guess your posit to the nearest couple of miles.

Just day dreaming...
bob

186. Which NMEA Sentances?

From: "Steven R. Bible" <n7hpr@tapr.org>
Date: Fri, 15 Jan 1999 21:54:59 -0500
To: htaprs@tapr.org
Message-ID: <3.0.6.32.19990115215459.00a1ab60@pop.gate.net>
Rendered body type: text/plain

I've tried to follow the GPS receive compatiblity/non-compatibility
discussion, but I've lost the bubble...

Which NMEA sentences is it the TH-D7A need to operate?

Thanks,

 - Steve
 (n7hpr@tapr.org)
 (n7hpr@amsat.org)

187. Re: [HTAPRS:233] Which NMEA Sentances?

From: Kevin Kelly <kkelly@radix.net>
Date: Sat, 16 Jan 1999 09:20:34 -0500
To: "aprssig@tapr.org" <aprssig@tapr.org>
Cc: htaprs@tapr.org
Message-ID: <36A0A032.E7821D20@radix.net>
Rendered body type: text/plain

Greetings SIG

        From what I can see it appears to be the $GPGGA sentence. So far, the
research I have done shows that if a GPS outputs the $GPGGA LAT/LON with
three decimal places it will work. More than three, or less than three
decimal places it won't. This is based on the six GPS's I have compared.
Have a look at http://www.qsl.net/n6qab/n6qabgps.htm for the comparison.

"Steven R. Bible" wrote:
>
> I've tried to follow the GPS receive compatiblity/non-compatibility
> discussion, but I've lost the bubble...
>
> Which NMEA sentences is it the TH-D7A need to operate?
>
> Thanks,
>
> - Steve
> (n7hpr@tapr.org)
> (n7hpr@amsat.org)

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

188. Re: [HTAPRS:234] Re: Which NMEA Sentances?

From: "Steven R. Bible" <n7hpr@tapr.org>
Date: Sat, 16 Jan 1999 10:48:44 -0500
To: htaprs@tapr.org
Message-ID: <3.0.6.32.19990116104844.00a5a9e0@pop.gate.net>
Rendered body type: text/plain

I was gathering from the list that more than one NMEA sentence is needed by
the TH-D7A to form the APRS packet.

The $GPGGA sentence provides:
  - UTC time of position fix
  - Latitude, N/S
  - Longitude, E/W
  - GPS quality indication
  - Number of satellites in use
  - HDOP
  - Antenna Height
  - Geoidial Height
  - DGPS age
  - DGPS reference station ID

The $GPRMC sentence provides:
  - UTC time of position fix
  - Status
  - Latitude, N/S
  - Longitude, E/W

- Speed over ground
- Course over ground
- UTC date
- Magnetic variation, E/W

So the unique value $GPGGA provide is height and $GPRMC is speed and date.

Does the TH-D7A need both? There was mention of the $GPGLL being needed?
IT only provides Lat, Long, and UTC time.

- Steve N7HPR

At 08:27 AM 1/16/99 -0600, you wrote:
>Greetings SIG
>
>   From what I can see it appears to be the $GPGGA sentence. So far, the
>research I have done shows that if a GPS outputs the $GPGGA LAT/LON with
>three decimal places it will work. More than three, or less than three
>decimal places it won't. This is based on the six GPS's I have compared.
>Have a look at http://www.qsl.net/n6qab/n6qabgps.htm for the comparison.
>
>"Steven R. Bible" wrote:
>>
>> I've tried to follow the GPS receive compatiblity/non-compatibility
>> discussion, but I've lost the bubble...
>>
>> Which NMEA sentences is it the TH-D7A need to operate?
>>
>> Thanks,
>>
>> - Steve
>> (n7hpr@tapr.org)
>> (n7hpr@amsat.org)
>
>--
>73,
>Kevin Kelly/N6QAB
>http://www.qsl.net/n6qab
>
>
>

189. Re: [HTAPRS:228] GPS & TH D7A webpage

From: dave vanhorn <dvanhorn@cedar.net>
Date: Sat, 16 Jan 1999 11:13:48 -0500
To: kkelly@radix.net, htaprs@tapr.org
Message-ID: <4.1.19990116111325.03cc8970@192.168.0.1>
Rendered body type: text/plain

>I have just uploaded a new webpage http://www.qsl.net/n6qab/n6qabgps.htm
>dedicated to tracking GPS's that work and don't work with the TH D7A. On
>the page you will find NMEA sentences from each GPS and a comparison of
>$GPGGA sentences. I would like to make as complete a list as possible,
>so if you have a sample of NMEA from your favorite GPS and can know if
>it works or not with the TH D7A drop me a private email, not to the SIG.
>I will add it to the page.

I've linked you from my D7 page

190. RE: [HTAPRS:232] THD7 Wallet cards

From: "Harry Burford" <hburford@airmail.net>
Date: Sat, 16 Jan 1999 11:01:19 -0600
To: <htaprs@tapr.org>
Message-ID: <001001be4171$d6341540$e96f6f6f@harry266>
Rendered body type: text/plain

Stop dreaming, Bob. I had the same idea and have started on such a card.
My desire was to have a card that will act as a cheat sheet for using the
various features of the radio. I was going to make a card that was 8" wide
by 4" tall. Three panels on the front and 3 panels on the back so when
laminated, you can fold it up into a booklet along 2 creases. Not quite
wallet size, but nothing says we can't do that, too. I wanted something to
slide into the radio case. I did one of these for a couple of old radios I
used to have. Unless you carry the manual with you, it is easy to get stuck
at an event and not remember how to set the CTCSS up for example.
Lamination helps to protect it from the weather because it is always raining
when you need the reference.

The D7 is so easy to use, not much is needed. I was going to try to get at least the TNC commands from the Appendix, maybe some of the obscure functions from the Quick Reference, perhaps some common symbol codes, and definitly as many of those mystery indicators I can find. Still don't know what an oM that shows up sometimes is.

I had not actively been working on this card deal because most of the information I need for accessing repeaters, storm spotter information, ARES/RACES call up lists, and so on are stored in the PalmPilot that I never leave home without. The hard part of the card will be figuring out the content. Putting it together and making a PDF will be a snap.

Harry, KA0TTY

> -----Original Message-----
> From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Bob Bruninga
> Sent: Friday, January 15, 1999 7:23 PM
> To: htaprs@tapr.org
> Subject: [HTAPRS:232] THD7 Wallet cards
>
>
> One project for an enterprising individual is to make some nice little
> wallet cards. One one side is a map of the USA with lat/long grids every
> 5 degrees and on the other is a list of the LAT/LONG of major cities.
>
> Thus the traveler without his GPS can just whip out his wallet and
> estimate his position. It wont be too close, but close enough to show us
> what city he is in when he is conversing via APRServe.
>
> Actually, a real enterprising person might consider making a 52 card deck.
> One such map for each state! Prior to travel you only need to take the
> cards for your trip.   Even such a small map of a whole state
> should allow you to guess your posit to the nearest couple of miles.
>
> Just day dreaming...
> bob
>
>
>

191. Re: [HTAPRS:237] RE: THD7 Wallet cards

From: Kevin Kelly <kkelly@radix.net>
Date: Sat, 16 Jan 1999 12:26:16 -0500
Cc: htaprs@tapr.org
Message-ID: <36A0CBB8.3D56FEF3@radix.net>
Rendered body type: text/plain

I think the PalmPilot is the way to go. In addition to all the data Bob is dreaming of, a person can use Palm APRS which of course already have maps.

Harry Burford wrote:

> I had not actively been working on this card deal because most of the
> information I need for accessing repeaters, storm spotter information,
> ARES/RACES call up lists, and so on are stored in the PalmPilot that I never
> leave home without. The hard part of the card will be figuring out the
> content.
>
> Harry, KA0TTY
>

> > One project for an enterprising individual is to make some nice little
> > wallet cards.
> > Actually, a real enterprising person might consider making a 52 card deck.
> > One such map for each state!
> >
Just day dreaming...
> > bob

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

192. Re: [HTAPRS:232] THD7 Wallet cards

From: Carl Littlejohns <carl@ambrosia.demon.co.uk>
Date: Sat, 16 Jan 1999 17:39:18 GMT
To: bruninga@nadn.navy.mil
Cc: htaprs@tapr.org
Message-ID: <VA.00000a33.09e74963@study>
Rendered body type: text/plain

In article <Pine.GSO.4.05L.9901152011540.15840-100000@arctic>, Bob Bruninga
wrote:

> One project for an enterprising individual is to make some nice little
> wallet cards. One one side is a map of the USA with lat/long grids every
> 5 degrees and on the other is a list of the LAT/LONG of major cities.

I have a small pocket atlas, and the index does just that...the phillips
essential world atlas (1984 reed int. books)

Carl gw0tqm

193. Re: [HTAPRS:233] Which NMEA Sentances?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 16 Jan 1999 17:53:31 -0500 (EST)
To: "Steven R. Bible" <n7hpr@tapr.org>
Cc: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901161747130.20858-100000@arctic>
Rendered body type: text/plain

On Fri, 15 Jan 1999, Steven R. Bible wrote:

> Which NMEA sentences is it the TH-D7A need to operate?

$GPRMC
$GPGGA
$GPGLL

But it is beginning to appear that the parsing is a little restrictive.
1) It does not like LAT/LONG with four decimal points of precision
2) It requires the leading GP so it does not work with LORAN units.

TRIPMATE outputs 4 decimal points but also includes LCGLL. Historically
LCGLL only had 2 decimal points so it would have worked, except that
Delorme made it an LC instead of a GPGLL...

My GPS-III and other Garmins with outputs to 3 decimal places (6 feet)
work fine.

de WB4APR, Bob

194. Re: [HTAPRS:235] Re: Which NMEA Sentances?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 16 Jan 1999 18:12:55 -0500 (EST)
To: "Steven R. Bible" <n7hpr@tapr.org>
Cc: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901161811220.20858-100000@arctic>
Rendered body type: text/plain

On Sat, 16 Jan 1999, Steven R. Bible wrote:

> I was gathering from the list that more than one NMEA sentence is needed by
> the TH-D7A to form the APRS packet.

No. All it needs is LAT/LONG from either RMC, GGA, or GLL. But it takes
RMC if it is there so that it gets CSE/SPD. Im not sure if it will also
take CSE/SPD from VTG or not...

de WB4APR, Bob

195. Re: [HTAPRS:236] Re: GPS & TH D7A webpage

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 16 Jan 1999 18:18:58 -0500 (EST)
To: dave vanhorn <dvanhorn@cedar.net>
Cc: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901161814540.20858-100000@arctic>
Rendered body type: text/plain

Dave, I cant brose right now, but could you confirm that all the reported
failures have 4 decimal places in the LAT/LONG's?   That is my assumption
as to the problem..

bob

 On Sat, 16 Jan 1999, dave vanhorn wrote:

>
> >I have just uploaded a new webpage http://www.qsl.net/n6qab/n6qabgps.htm
> >dedicated to tracking GPS's that work and don't work with the TH D7A. On
> >the page you will find NMEA sentences from each GPS and a comparison of
> >$GPGGA sentences. I would like to make as complete a list as possible,
> >so if you have a sample of NMEA from your favorite GPS and can know if
> >it works or not with the TH D7A drop me a private email, not to the SIG.
> >I will add it to the page.
>
> I've linked you from my D7 page
>
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

196. Re: [HTAPRS:240] Re: Which NMEA Sentances?

From: "Steven R. Bible" <n7hpr@tapr.org>
Date: Sat, 16 Jan 1999 18:25:09 -0500
To: htaprs@tapr.org
Message-ID: <3.0.6.32.19990116182509.00973400@pop.gate.net>
Rendered body type: text/plain

Thanks Bob,

Would there be interest in a PIC solution to translate non-compliant NMEA
sentences to compliant ones? Or will Kenwood make a change to the TH-D7A
firmware?

- Steve

At 04:59 PM 1/16/99 -0600, you wrote:
>On Fri, 15 Jan 1999, Steven R. Bible wrote:
>
>> Which NMEA sentences is it the TH-D7A need to operate?
>
>$GPRMC
>$GPGGA
>$GPGLL
>
>But it is beginning to appear that the parsing is a little restrictive.
>1) It does not like LAT/LONG with four decimal points of precision
>2) It requires the leading GP so it does not work with LORAN units.
>
>TRIPMATE outputs 4 decimal points but also includes LCGLL. Historically
>LCGLL only had 2 decimal points so it would have worked, except that
>Delorme made it an LC instead of a GPGLL...
>
>My GPS-III and other Garmins with outputs to 3 decimal places (6 feet)
>work fine.
>
>de WB4APR, Bob

 - Steve
 (n7hpr@tapr.org)
 (n7hpr@amsat.org)

197. Re: [HTAPRS:242] Re: GPS & TH D7A webpage

From: Kevin Kelly <kkelly@radix.net>
Date: Sat, 16 Jan 1999 19:06:42 -0500
Cc: htaprs@tapr.org
Message-ID: <36A12992.16668B43@radix.net>
Rendered body type: text/plain

Bob,

Here is what I've come up with so far. Looks like a GPS that has 3

decimal places it will work with the TH D7A. If the GPS has less than 3
like the Magellan Meridian XL, or more than 3 like the Garmin GPS 20,
GPS 35, and Tripmate it will not work with the TH D7A. See
http://www.qsl.net/n6qab/n6qabgps.htm for all the details.

NMEA comparisons

The Garmin GPS 45 (XL
also works)

(Works)
$GPGGA,030902,3046.956,N,08140.515,W,1,05,1.5,123.9,M,-31.2,M,,*7A

Magellan Meridian XL

(Not work)$GPGGA,233347.96,3609.08,N,11502.42,W,1,04,2.0,00680,M,1111

The ICOM GP-22

(Work) $GPGGA,194518,3821.009,N,07624.384,W,1,4,002,36,M,-047,M*5A

The Garmin GPS 20

(Not work)
$GPGGA,003058,3821.0090,N,07624.3898,W,1,06,1.5,32.5,M,-34.6,M,,*48

The Delorme Tripmate

(Not work)
$GPGGA,231208,3820.9939,N,07624.4219,W,1,04,1.23,-35.5,M,-33.9,M,,*5E

The Garmin GPS 35

(Not work)
$GPGGA,000637,3820.9855,N,07624.4190,W,1,07,1.0,86.8,M,-34.6,M,,*4D

Bob Bruninga wrote:
>
> Dave, I cant brose right now, but could you confirm that all the reported
> failures have 4 decimal places in the LAT/LONG's? That is my assumption
> as to the problem..
>
> bob
>

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

198. Re: [HTAPRS:240] Re: Which NMEA Sentances?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 16 Jan 1999 19:15:44 -0500 (EST)
To: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901161913190.20858-100000@arctic>
Rendered body type: text/plain

OOPS, I was behind on my email. Now I see that the rest of you are
further ahead and have concluded the only problem is that it only works
with LAT/LONG to 3 decimal places... That explains why the LCGLL didnt
work, so I retract my conclusion regarding LORAN data... Bob

 On Sat, 16 Jan 1999, Bob Bruninga
wrote:

> On Fri, 15 Jan 1999, Steven R. Bible wrote:
>
> > Which NMEA sentences is it the TH-D7A need to operate?
>
> $GPRMC
> $GPGGA
> $GPGLL
>
> But it is beginning to appear that the parsing is a little restrictive.
> 1) It does not like LAT/LONG with four decimal points of precision
> 2) It requires the leading GP so it does not work with LORAN units.
>
> TRIPMATE outputs 4 decimal points but also includes LCGLL. Historically

> LCGLL only had 2 decimal points so it would have worked, except that
> Delorme made it an LC instead of a GPGLL...
>
> My GPS-III and other Garmins with outputs to 3 decimal places (6 feet)
> work fine.
>
> de WB4APR, Bob
>
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

199. Re: [HTAPRS:243] Re: Which NMEA Sentances?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 16 Jan 1999 19:20:35 -0500 (EST)
To: "Steven R. Bible" <n7hpr@tapr.org>
Cc: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901161916470.20858-100000@arctic>
Rendered body type: text/plain

On Sat, 16 Jan 1999, Steven R. Bible wrote:

> Would there be interest in a PIC solution to translate non-compliant NMEA
> sentences to compliant ones?....

At first I was going to say "I doubt it", because the only time I use the
THD7 is when I am truely HT portable and would not want a "dangel"
inbetween the GPS and HT. My car already has a tracker. But now I
realize it is a good question. Many people who dont already have a
tracker, will be using their THD7 as their primary vehicle tracker....

In that case, its a good idea...

de WB4APR

> >
> At 04:59 PM
1/16/99 -0600, you wrote: > >On Fri, 15 Jan 1999, Steven R. Bible wrote:
> >
> >> Which NMEA sentences is it the TH-D7A need to operate?
> >
> >$GPRMC
> >$GPGGA
> >$GPGLL
> >
> >But it is beginning to appear that the parsing is a little restrictive.
> >1) It does not like LAT/LONG with four decimal points of precision
> >2) It requires the leading GP so it does not work with LORAN units.
> >
> >TRIPMATE outputs 4 decimal points but also includes LCGLL. Historically
> >LCGLL only had 2 decimal points so it would have worked, except that
> >Delorme made it an LC instead of a GPGLL...
> >
> >My GPS-III and other Garmins with outputs to 3 decimal places (6 feet)
> >work fine.
> >
> >de WB4APR, Bob
>
> - Steve
> (n7hpr@tapr.org)
> (n7hpr@amsat.org)
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

200. PIC to the rescue ?

From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Sat, 16 Jan 1999 18:58:03 -0600
To: htaprs@tapr.org
Message-ID: <199901170058.SAA30511@r2d2.krell.com>
Rendered body type: text/plain

>> Would there be interest in a PIC solution to translate non-compliant NMEA
>> sentences to compliant ones?....

This might not to difficult to do in the case of dropping the forth decimal since the output could be one character behind the input and a state machine could control the operation with the fourth decimal space effectively being a non-outputted character. In the case of needing to add a zero to two decimal strings the output would end up lagging more than just a couple characters behind input. I guess what I'm thinking is that not much buffering would be required and the output and input routines could be semi integrate so a couple of internal state machines would allow even a simple PIC to do the job ... possible even one of the 8 pin units with free running internal oscillators if some initial learning of timing constants was incorporated ... software serial routines used to be used all the time. Possible minimum part count might be one 8 pin part! Could be a real challange.

Later
Larry

PS. Just thinking out loud. Just got my D7A and am using with 45XL and never been on APRS before but I feel an excitement about some aspect of the hobby I've not felt in a long time. Hoping to use D7A for balloon chasing this spring.

Larry P. Thomas wa0gwa voice : 1 913 888-0282
Krell Technologies fax : 1 913 782-9359
8960 Bond pager : 1 816 989-HELP
Overland Park, KS www.krell.com
66214-1722 USA lpthomas@krell.com

201. Re: [HTAPRS:236] Re: GPS & TH D7A webpage

From: dave vanhorn <dvanhorn@cedar.net>
Date: Sat, 16 Jan 1999 20:49:27 -0500
To: Bob Bruninga <bruninga@nadn.navy.mil>
Cc: htaprs@tapr.org
Message-ID: <4.1.19990116204408.04260720@192.168.0.1>
Rendered body type: text/plain

I take it you got the note from kevin? You caught me out at our ham club dinner.
(APRS was of high interest)

Also. Our ham club has been invited to work with the county emergency operations people, with storm spotting etc, from their facilities.

What do you reccomend for presenting APRS to a county official who has basically no clue what APRS is yet? :)

202. Re: [HTAPRS:247] PIC to the rescue ?

From: Kevin Kelly <kkelly@radix.net>
Date: Sat, 16 Jan 1999 22:54:08 -0500
To: "aprssig@tapr.org" <aprssig@tapr.org>
Cc: htaprs@tapr.org
Message-ID: <36A15EE0.20F25AFD@radix.net>
Rendered body type: text/plain

Greeting SIG

Hey I'm all for an interim fix to get the TH D7A to work with "all" the GPS's out there, but lets remember Kenwood should be doing the fixing here. And hopefully soon, after all, we have pretty much showed them exactly what, and where the problem is.

"Larry P. Thomas WA0GWA" wrote:
>
> >> Would there be interest in a PIC solution to translate non-compliant NMEA
> >> sentences to compliant ones?....
>

> This might not to difficult to do in the case of dropping the forth decimal
> since the output could be one character behind the input and a state
> machine could control the operation with the fourth decimal space
> effectively being a non-outputted character. In the case of needing to add
> a zero to two decimal strings the output would end up lagging more than
> just a couple characters behind input......
> Later
> Larry
>
>
--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

203. Re: [HTAPRS:236] Re: GPS & TH D7A webpage

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 17 Jan 1999 00:07:59 -0500 (EST)
To: dave vanhorn <dvanhorn@cedar.net>
Cc: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901170004130.29958-100000@arctic>
Rendered body type: text/plain

On Sat, 16 Jan 1999, dave vanhorn wrote:

> What do you reccomend for presenting APRS to a county official who has
> basically no clue what APRS is yet? :)

A one hour Demo. :-)
APRSdos comes with all the demos built in. There was a DEMO.TXT file too
that suggested things to play with, but I have not updted it recently.
Just hit FILE-REPLAY in APRSdos and pick any of about 2 dozen past events.
or FILE-LOAD to load a snapshot of an event...

I dont know how you do demos with Mac/WIn or APRS+SA... But I am sure
they are spectacular

bob

204. Just an observation

From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Mon, 18 Jan 1999 13:54:43 -0600
To: htaprs@tapr.org
Message-ID: <199901181954.NAA18846@r2d2.krell.com>
Rendered body type: text/plain

I had just purchased the PB-39H MAHA NiMH battery which is a 7.2 volt at
1.8AH and was trying to get a handle on how long it really would run the
radio in APRS with TNC etc going. I was not beaconing anything with more
power than the EL setting so power drain would be low. After 24hrs I
decided I should check the battery voltage to see why it was still working
okay. Voltage read 4.8 volts and unit was still working fine. Decided to
recharge battery even though it was still working the radio fine. Some
have indicated you should not drop voltage below say 1.0 volt per cell
which would have been 5.00 for this pack.

Does anyone know if the sensitivity of the standard Kenwood drop in rapid
charger to deltaV is good enough to terminate the rapid charge cycle on
MAHA NiMH batteries. I was told the Kenwood for the TH-79 style batteries
was not but don't know if the rapid charger for the G71/D7A can be used for
NiMH batteries.

Later
Larry

 Larry P. Thomas   wa0gwa voice : 1 913 888-0282
 Krell Technologies   fax : 1 913 782-9359
 8960 Bond   pager : 1 816 989-HELP
 Overland Park, KS   www.krell.com
 66214-1722   USA   lpthomas@krell.com

205. unsubscribe

From: Ulf.Kumm@t-online.de (Ulf Kumm)
Date: Mon, 18 Jan 1999 22:29:10 +0100
To: <htaprs@tapr.org>

Message-ID: <002101be4329$9bcbd6e0$0400000a@ULF95>
Rendered body type: text/plain

[Empty message body]

206. Re: Just an observation

From: "Tim Russell" <timruss@home.com>
Date: Mon, 18 Jan 1999 15:59:53 -0600
To: <htaprs@tapr.org>
Message-ID: <000801be432d$e0b4fee0$1000000a@omaha01>
Rendered body type: text/plain

Larry,

I don't know what Maha battery you're looking at, but the one I got this weekend is the MH-PB39, and it's 9.6 volts at 1050 mAh. I remember reading in the book that came with it that it contains a circuit to stop accepting charge power at 55 degrees celcius. The book also detailed the characteristics that a charger should have to charge it, so you should probably look at that, I don't have mine handy.

Mine's working fine with the Maha charger so far, I haven't seen/used the Kenwood dropin charger for this radio as yet.

Tim, N0ZHY

> Does anyone know if the sensitivity of the standard Kenwood drop in rapid
> charger to deltaV is good enough to terminate the rapid charge cycle on
> MAHA NiMH batteries. I was told the Kenwood for the TH-79 style batteries
> was not but don't know if the rapid charger for the G71/D7A can
> be used for
> NiMH batteries.

207. (no subject)

From: "911RADIO.COM" <westernmobiletel@worldnet.att.net>
Date: Mon, 18 Jan 1999 14:35:17 -0500
To: HTAPRS@TAPR.ORG
Message-ID: <36A38CF5.5F1A@worldnet.att.net>
Rendered body type: text/plain

SUBRICIBE HTAPRS westernmobiletel@worldnet.att.net

208. Re: [HTAPRS:251] 7.2V 1.8AH NiMH for D7A MH-PB-39H

From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Mon, 18 Jan 1999 16:54:43 -0600
To: htaprs@tapr.org
Message-ID: <199901182254.QAA22035@r2d2.krell.com>
Rendered body type: text/plain

I bought it at a local ham fest last saturday from Amateur Accessories. List for 59.95 as most of these third party batteries do but I got it for 20% off this. i think it is a new addition to the MAHA line. MAHA number is actually MH-PB-39H which is confusing because the 7.2 kenwood battery is a -38 and H usually means high power but in this case it means High Capacity and carries the -39 ... Great battery

At 03:30 PM 1/18/99 -0600, you wrote:
>Where did you find this battery?
>
>>I had just purchased the PB-39H MAHA NiMH battery which is a 7.2 volt at
>>1.8AH and was trying to get a handle on how long it really would run the

---
Larry P. Thomas wa0gwa voice : 1 913 888-0282
Krell Technologies fax : 1 913 782-9359
8960 Bond pager : 1 816 989-HELP
Overland Park, KS www.krell.com
66214-1722 USA lpthomas@krell.com

209. Re: [HTAPRS:253] Re: Just an observation

From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Mon, 18 Jan 1999 16:58:54 -0600
To: htaprs@tapr.org
Message-ID: <199901182258.QAA22091@r2d2.krell.com>
Rendered body type: text/plain

I bought the MAHA charger too because I was concerned about using the
Kenwood charger with the MAHA NiMH batteries. Nice charger. The MH-PB-39H
is a 7.2V 1.8AH NiMH for the G71/D7A type radio. Good for long run time at
lower power output.

Later
Larry

At 04:09 PM 1/18/99 -0600, you wrote:
>Larry,
>
>   I don't know what Maha battery you're looking at, but the one I got this
>weekend is the MH-PB39, and it's 9.6 volts at 1050 mAh. I remember reading
>in the book that came with it that it contains a circuit to stop accepting
>charge power at 55 degrees celcius. The book also detailed the
>characteristics that a charger should have to charge it, so you should
>probably look at that, I don't have mine handy.
>
>   Mine's working fine with the Maha charger so far, I haven't seen/used
>the Kenwood dropin charger for this radio as yet.
>
>   Tim, N0ZHY
>
>> Does anyone know if the sensitivity of the standard Kenwood drop in rapid
>> charger to deltaV is good enough to terminate the rapid charge cycle on
>> MAHA NiMH batteries. I was told the Kenwood for the TH-79 style batteries
>> was not but don't know if the rapid charger for the G71/D7A can
>> be used for
>> NiMH batteries.
>

 Larry P. Thomas   wa0gwa voice : 1 913 888-0282
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 8960 Bond   pager : 1 816 989-HELP
 Overland Park, KS   www.krell.com
 66214-1722   USA   lpthomas@krell.com

210. TH D7A Next years model????????

From: Kevin Kelly <kkelly@radix.net>
Date: Mon, 18 Jan 1999 20:33:13 -0500
To: bruninga@nadn.navy.mil
Cc: aprssig@tapr.org, htaprs@tapr.org
Message-ID: <36A3E0D9.E39DCA18@radix.net>
Rendered body type: text/plain

Greetings SIG,

Next Years Model!!!? Lets get this years model fixed first!

"Soap Box On"

For the record I think the TH D7A is a great little radio with a lot of
neat features. But, I am starting to get a very uneasy feeling that the
bugs, omissions, enhancements that these SIG's have identified are not
going to be remedied any time soon. Based on Bob's comment,

Bob Bruninga wrote:
> Hopefully next years model will include some of these additional features.
> Unfortunately MARKETS are based on user feedback. Hopefully the
> positive feedback from users satisfied with what they were able to shove
> into an HT will outweigh the negatives of what had to get left out.
>
> If we want to see a next years model, it would be nice if we can
> remember to phrase want-to-haves in a positive manner...
>
> de WB4APR

I am starting to think that all the items we have identified here on the
SIG, at the Unofficial TH D7A webpage
http://www.cedar.net/users/dvanhorn/kenwood.html and at the TH D7A / GPS
compatibility webpage http://www.qsl.net/n6qab/n6qabgps.htm are going
into the list for upgrades to "Next Years Model"!!!! So does that mean
that we, the faithful TH D7A early adopters and customers, are going to
have to go out next year and buy another APRS HT with the "features"
that are mostly fixes to this year's model?! I very much hope not!

Sure there are lots of "want-to-haves" we would like to see in the D7A.
And fair enough some of those might be upgrades for the next model. But

Kenwood should fix the glaring problems in This Years Model D7A, the GPS
receiver compatibility issue to name just one!

Bob, of all people, you should be jumping up and down on Kenwood about
the GPS issue! If my name was synonymous with the D7A, I sure as heck
would be jumping up and down over the issue. (Maybe you are working
behind the scenes and we don't know about it. If you are, my apologies
for this sentence.) APRS DOS works with every GPS I have ever heard of,
I think it is fair for APRS users to expect that the D7A would do the
same and furthermore, to expect the problems fixed without having to
wait for "Next Years Model."

On the topic of "Next Years Model", how about getting some of the beta
units out to the APRS users this time. (No I'm not looking for a free
radio, if Kenwood needs help I am glad to assist, but I wouldn't keep a
beta unit just out of principal.) I truly believe that if the D7A had
been Beta tested by some of the real world APRS users in addition to the
authors of the various APRS products, the GPS issue would have been
identified early on and I wouldn't have to be writing this.

Thanks for the bandwidth.

"Soap Box Off"

"Fire Suit On"
--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

211. GPS

From: "911RADIO.COM" <westernmobiletel@worldnet.att.net>
Date: Mon, 18 Jan 1999 17:44:23 -0500
To: HTAPRS@TAPR.ORG
Message-ID: <36A3B947.5360@worldnet.att.net>
Rendered body type: text/plain

911RADIO.COM wrote:
>
> SUBSCRIBE HTAPRS westernmobiletel@worldnet.att.net

--
Very Best Regards, ARTHUR 73 KC6KUK ANAHEIM CA.

http://www.911radio.com

212. Re: [HTAPRS:255] Re: 7.2V 1.8AH NiMH for D7A MH-PB-39H

From: "Michael Malloy" <malloy@execpc.com>
Date: Mon, 18 Jan 1999 20:22:33 -0600
To: <lpthomas@krell.com>, <htaprs@tapr.org>
Message-ID: <01be4352$92863200$4784cfa9@m-m>
Rendered body type: text/plain

Would you have an address or a phone number/
-----Original Message-----
From: Larry P. Thomas WA0GWA <lpthomas@krell.com>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Monday, January 18, 1999 5:05 PM
Subject: [HTAPRS:255] Re: 7.2V 1.8AH NiMH for D7A MH-PB-39H

>I bought it at a local ham fest last saturday from Amateur Accessories.
>List for 59.95 as most of these third party batteries do but I got it for
>20% off this. i think it is a new addition to the MAHA line. MAHA number
>is actually MH-PB-39H which is confusing because the 7.2 kenwood battery is
>a -38 and H usually means high power but in this case it means High
>Capacity and carries the -39 ... Great battery
>
>
>
>At 03:30 PM 1/18/99 -0600, you wrote:
>>Where did you find this battery?
>>
>>>I had just purchased the PB-39H MAHA NiMH battery which is a 7.2 volt at
>>>1.8AH and was trying to get a handle on how long it really would run the
>
>--
> Larry P. Thomas wa0gwa voice : 1 913 888-0282
> Krell Technologies fax : 1 913 782-9359

> 8960 Bond   pager : 1 816 989-HELP
> Overland Park, KS   www.krell.com
> 66214-1722   USA   lpthomas@krell.com
>

213. TH-D7A Service Manual

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Tue, 19 Jan 1999 13:05:58 -0500
To: "APRS SIG List Server" <aprssig@tapr.org>, "HTAPRS" <htaprs@tapr.org>
Message-ID: <NCBBINEHEKOFFAMOHNLHOEBGCJAA.bottomgun@mindspring.com>
Rendered body type: text/plain

I can not ftp into the Kenwood site. Is the service manual for the TH-D7A
there? If so could some one forward a copy to me?

Is the service manual worth purchasing if it isn't available at Kenwood's
ftp site? I see that Ham Radio Outlet offers it for sale.

Jay/KF4DBI

214. Re: [HTAPRS:243] Re: Which NMEA Sentances?

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Tue, 19 Jan 99 13:16:13 EST
To: n7hpr@tapr.org
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.916769773.alan@watsol>
Rendered body type: text/plain

I sure how this will be a warranty-covered firmware fix, as it is a
violation of the published NMEA-0183 specification which specifies a
variable number of decimal places.
/a

215. Re: [HTAPRS:260] TH-D7A Service Manual

From: bobj <bobj@mediaone.net>
Date: Tue, 19 Jan 1999 13:31:25 -0500
To: bottomgun@mindspring.com
Cc: htaprs@tapr.org
Message-ID: <36A4CF7D.F4C8A382@mediaone.net>
Rendered body type: text/plain

Only the users manual is on the kenwood web/ftp site. I bought the service
manual (from HRO for around $30.) and if you want to service the HT it is
fine.

If you want, as I did, to know more about the TNC command set, or the serial
protocalls, or the frequency expansion, or... anything beyond schematic,
assembly drawings and alignment instructions don't bother.. not there..

DE bob, k1kas

"Jay K. Jeffries" wrote:

> I can not ftp into the Kenwood site. Is the service manual for the TH-D7A
> there? If so could some one forward a copy to me?
>
> Is the service manual worth purchasing if it isn't available at Kenwood's
> ftp site? I see that Ham Radio Outlet offers it for sale.
>
> Jay/KF4DBI

216. Subscribe

From: Jonathan Kaplan <jonk@jskent.com>
Date: Tue, 19 Jan 1999 22:20:17 -0800
To: htaprs@tapr.org
Message-ID: <199901200723.XAA20246@leilani.moonlink.net>
Rendered body type: text/plain

Subscribe

217. D7 problem

From: rwf <rwf@BSRG.org>
Date: Wed, 20 Jan 1999 10:42:27 -0500
To: htaprs@tapr.org
Message-ID: <199901201540.KAA22340@cocacola-bh.cokecce.com>
Rendered body type: text/plain

Well my D7 died!
Actually, it will work on external power fine.
The battery appears charged (there is/are 10.78 volts on the battery
terminals that go to the radio).

The battery charging terminals show 1.79 volts
There are 1.81 volts between T and +.

Are these the normal battery readings?

Anyone know if the radio has an internal fuse in its battery circuit?

I think someone had a service manual. Would you mind checking the schematic?

Thanks

Ralph

Stuck in Dallas with a dead D7!!!

218. Re: [HTAPRS:264] HTAPRS digest 21: D7 problem

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Wed, 20 Jan 1999 13:16:25 -0800
To: <htaprs@tapr.org>, <rwf@BSRG.org>
Message-ID: <9901209168.AA916868450@ccgate.apl.com>
Rendered body type: text/plain

>Well my D7 died!
>Actually, it will work on external power fine.
>The battery appears charged (there is/are 10.78 volts on the battery
>terminals that go to the radio).

>The battery charging terminals show 1.79 volts
>There are 1.81 volts between T and +.

Hmmmm. My charged battery shows NO volts at the charging terminals or
between T and +. But somehow I doubt that that's what's at issue here.

When you feed external power to the D7 (I presume through the power
jack on the side), does voltage appear at the battery terminals on the
radio?

I don't have the service manual, so I can't answer the specific
questions.

Neil KE6NCX

219. MARS Modification

From: "Mark A. Keiser" <mkeiser@isi.com>
Date: Wed, 20 Jan 1999 14:11:42 -0800
To: htaprs@tapr.org
Message-ID: <4.1.19990120141055.00927010@postal.isi.com>
Rendered body type: text/plain

Does anyone know what the MARS modification for the D7A is? More to the point,
does anyone know that has actually tried it? ;-)

Mark
N4OGL

Mark A. Keiser (mkeiser@isi.com)
Corporate Contracts, Integrated Systems, Inc.
201 Moffett Park Drive, Sunnyvale, California 94089
Voice: 408-542-1549   Fax: 408-542-1950

See us on the Worldwide Web: http://www.isi.com

220. RE: [HTAPRS:266] MARS Modification

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Wed, 20 Jan 1999 17:27:43 -0500
To: <mkeiser@isi.com>, <htaprs@tapr.org>
Message-ID: <NCBBINEHEKOFFAMOHNLHEECMCJAA.bottomgun@mindspring.com>
Rendered body type: text/plain

Have used my Th-D7A for CAP communications unaltered...just enter in the
frequency(s), tones, etc. and you should be good to go.

R/Jay
KF4DBI

-----Original Message-----
From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Mark A. Keiser
Sent: Wednesday, January 20, 1999 5:20 PM
To: htaprs@tapr.org
Subject: [HTAPRS:266] MARS Modification

--======================_13310998==_.ALT
Content-Type: text/plain; charset="us-ascii"

Does anyone know what the MARS modification for the D7A is? More to the
point,
does anyone know that has actually tried it? ;-)

Mark
N4OGL

Mark A. Keiser (mkeiser@isi.com)
Corporate Contracts, Integrated Systems, Inc.
201 Moffett Park Drive, Sunnyvale, California 94089
Voice: 408-542-1549   Fax: 408-542-1950

See us on the Worldwide Web: http://www.isi.com
--======================_13310998==_.ALT
Content-Type: text/html; charset="us-ascii"

<html> Does anyone know what the MARS modification for the D7A
is? More to the point, does anyone know that has actually tried
it? ;-)

Mark
N4OGL

Mark A. Keiser (mkeiser@isi.com)
Corporate Contracts, Integrated Systems, Inc.
201 Moffett Park Drive, Sunnyvale, California 94089
Voice: 408-542-1549   Fax: 408-542-1950

See us on the Worldwide
Web:
http://www.isi.com
</html>

--======================_13310998==_.ALT--

221. Re: [HTAPRS:265] Re: HTAPRS digest 21: D7 problem

From: Randy Hammock <hammock@sierra.jpl.nasa.gov>
Date: Wed, 20 Jan 1999 15:06:29 -0800
To: htaprs@tapr.org
Message-ID: <36A66175.65F0ED1B@sierra.jpl.nasa.gov>
Rendered body type: text/plain

Neil Fullagar wrote:
>
> >Well my D7 died!
> >Actually, it will work on external power fine.
> >The battery appears charged (there is/are 10.78 volts on the
battery
> >terminals that go to the radio).
>
> >The battery charging terminals show 1.79 volts
> >There are 1.81 volts between T and +.
>
> Hmmmm. My charged battery shows NO volts at the charging terminals
or
> between T and +. But somehow I doubt that that's what's at issue
here.
>

It do believe that the contact located on the back of the radio are
diode isolatedso that if you were to accidentally short out the
terminals, you would not cause a fire or damage the radio/battery pack.

--
Randy Hammock   KC6HUR | Jet Propulsion Laboratory
mailto:Randy.Hammock@jpl.nasa.gov | M/S: 301-270
 Voice: +1-818-354-0628 | 4800 Oak Grove Drive
                                   | PASADENA CA 91109

222. digest mode

From: Dave Hungerford <dave@hungerford.cc>
Date: Wed, 20 Jan 1999 20:12:10 -0500
To: htaprs@tapr.org
Message-ID: <4.1.19990120201040.00955100@callnet.com>
Rendered body type: text/plain

Is the HTAPRS sig available in the digest mode?

Dave Hungerford
N1OLX

223. Fw: NMEA happenings

From: "Demos Doulou" <sdoulou1@tampabay.rr.com>
Date: Wed, 20 Jan 1999 20:28:26 -0500
To: "National APRS List" <aprssig@tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <019301be44dd$594c8200$0200a8c0@one>
Rendered body type: text/plain

here is something that may be interesting to some, think we have GPS
incompatibilities now?

Demos KR4US

-----Original Message-----
From: Joe Engel <joe@jre.com>
Subject: NMEA happenings

>Some new items are approaching on the Marine Electronics horizon and I
>thought I'd give the list a heads up and some thoughts. These are not
brand
>specific so I'm not shilling for my company this time.
>
>NMEA is about to introduce a new super standard of NMEA 0183. It's called
>NMEA 0183-HS for high speed. In NMEA world, high speed is considered
38,400
>baud (kb/sec). Current NMEA 0183 speed is 4800 baud.
>
>What I'm talking about is the speed at which the devices talk across a
>connecting wire. 4800 baud is agonizingly slow and as we cram more and
more
>data through our electronic interconnections, that old 4800 speed in
>starting to show its limitations. To support the new standard, the
>interconnection wires will have to be SHIELDED, twisted pair wiring. I'm
>trying to find an actual Belden or other ABYC approved wire part number as
I
>write this. The device standard uses the EIA 422/485 interface and the
>listeners will be completely electrically isolated from the data-bus.
>
>There are always folks that want the fastest, latest, greatest stuff. But
>I'm not sure where this will fit in the average boaters "got to have" list.
>It seems to me that by the time these devices become readily available, we
>will be getting pretty close to NMEA 2000 time. That will change
>everything.
>
>
>Otherwise the 0183 standard remains the same. One talker and multiple
>listeners, same data sentence structure, etc.
>
>Expect to see devices capable of this standard, this summer (maybe.)
>
>NMEA 2000 is the next real big step forward. It is a complete re-working
of
>the NMEA standard and it will be a great improvement over NMEA 0183.. The
>standard will be much like a computer network with speeds up to 256kb and

>probably higher / sec, a completely different data structure, intelligent
>plug and play interfaces, etc. It will use sophisticated multiplexing and
>provide multi-talker, multi-listener, multiple displays all from a whole
>range of electronic sensors and devices and all running on a single, bus
>style wire. It will include engine controls, device controls and other
>wondrous capabilities. So once it gets cranked up, it (and it's inevitable
>upgrades) will become the standard for the next 10, maybe 20 years or more.
>
>I would wildly guess that lower end, inexpensive, NMEA 2000 devices will
>begin to show up in the fall of 2000. They still have a ways to go with
the
>standards, then extensive testing, then manufacturers have start making the
>devices to support the standard. Wire and interface standards have not
been
>released yet so there's no way to get ahead of that curve yet. Maybe some
>kind of coax?
>
>So imagine the use of computers aboard when this all becomes commonplace
><G>. Start the coffee, turn up, the heaters, wake me up, start the
engines,
>turn on all nav devices and radios, monitor all systems, activate
>preprogrammed route, raise the anchor, engage engines and route, signal
with
>departure, make breakfast. Monitor sea state, adjust engines and course
for
>optimal comfort and efficiency, log everything, monitor radar, voice report
>to skipper. A busy little interface standard <g>.
>
>Joe & Debbie Engel
>Marine Computer Services & JRE Computer Consulting, Inc.
>MV Freda Fly - 40' Tollycraft Tri-cabin
>Portland, OR

224. [Fwd: [HTAPRS:264] D7 problem]

From: mediaone <bobj@mediaone.net>
Date: Wed, 20 Jan 1999 21:24:09 -0500
To: htaprs@tapr.org
Message-ID: <36A68FC9.55853C91@mediaone.net>
Rendered body type: text/plain

mediaone wrote:
>
> Hi..
>
> BATTERY VOLTAGE MEASUREMENT/ PACK DESCRIPTION:
>   The battery pack schematic shows a thermal breaker(80degrees
> +/- 5 degrees) mid point in the array of battery cells. The
> charge teminals (three outside) has a diode from the + terminal
> to the batterys, the minus terminal is the other side of the
> batteries while the "T" terminal shows a thermistor to the minus
> terminal.. Ie. cant measure voltages here..
>
>   The inside two terminals go to the baterries and should have
> the battery voltage on them unless the thermal breaker is open.
>
> Another point:
>   The battery input jack has a mechanical contact arrangement
> that can disconnect the battery from the unit when a jack is
> plugged in (DC Cord/wall wart).. Might check to see that nothing
> is clogged in it..
>
>   Hope this is of use.. Gud luck..
> de k1kas
>
> rwf wrote:
> >
> > Well my D7 died!
> > Actually, it will work on external power fine.
> > The battery appears charged (there is/are 10.78 volts on the battery
> > terminals that go to the radio).
> >
> > The battery charging terminals show 1.79 volts
> > There are 1.81 volts between T and +.
> >
> > Are these the normal battery readings?
> >
> > Anyone know if the radio has an internal fuse in its battery circuit?
> >
> > I think someone had a service manual. Would you mind checking the schematic?

> >
> > Thanks
> >
> > Ralph
> >
> > Stuck in Dallas with a dead D7!!!

225. pocketAPRS Fantastic!

From: Ken Bass <Ken@bassandco.com>
Date: Thu, 21 Jan 1999 09:20:02 -0500
To: htaprs@tapr.org, aprssig@tapr.org
Message-ID: <36A73790.A469B953@bassandco.com>
Rendered body type: text/plain

Mike has done a fantastic job with v. 0.22 of pocketAPRS. The integration with the TH-D7A works like a charm. It not only decodes Mic-E packets, it reads the GPRMC sentence if there is a GPS attached to the D7A, so it works like a full-function dual port or hardware single port GPS/TNC combination.

(Now if we could only get Kenwood to fix the RMC decimal place bug, we could have a really neat, off the shelf minimalist GPS/TNC/RADIO mobile combo using, say GARMIN 35PC/pocketAPRS/TH-D7A! Also getting 3Com to lighten up on their tradename licensing would be nice. BTW, Mike, did you ask them about a low/no-cost "public interest" license to use "palmAPRS" with an appropriate disclaimer in the docs? Seems like they would *want* the free publicity!)

Ken
K4EVH

226. D7 icons

From: dave vanhorn <dvanhorn@cedar.net>
Date: Thu, 21 Jan 1999 12:45:12 -0500
To: htaprs@tapr.org
Message-ID: <4.1.19990121124339.00ca2680@192.168.0.1>
Rendered body type: text/plain

Has anyone else noticed, on the last two versions of WAPRS (maybe all) that the D7 icons end up as DF triangles, or other things, regardless what they are set to on the HT?

227. Re: [HTAPRS:273] D7 icons

From: w8xf@juno.com
Date: Thu, 21 Jan 1999 13:20:11 EST
To: htaprs@tapr.org
Message-ID: <19990121.132203.4287.0.w8xf@juno.com>
Rendered body type: text/plain

My icons are whatever I set up on the D7, on 2.23 and 2.24 WAPRS
I use the pickup truck while mobile and the house when home. It show up correctly.
I am using the D7 in APRS mode, not with a pc.
Mac W8XF
On Thu, 21 Jan 1999 12:01:34 -0600 (CST) dave vanhorn
<dvanhorn@cedar.net> writes:
>Has anyone else noticed, on the last two versions of WAPRS (maybe all)
>that
>the D7 icons end up as DF triangles, or other things, regardless what
>they
>are set to on the HT?
>
>
>
>

_____
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or call Juno at (800) 654-JUNO [654-5866]

228. Re: [HTAPRS:274] Re: D7 icons

From: dave vanhorn <dvanhorn@cedar.net>
Date: Thu, 21 Jan 1999 13:38:24 -0500
To: w8xf@juno.com, htaprs@tapr.org
Message-ID: <4.1.19990121133703.00a06ee0@192.168.0.1>
Rendered body type: text/plain

At 12:28 PM 1/21/99 -0600, w8xf@juno.com wrote:
>My icons are whatever I set up on the D7, on 2.23 and 2.24 WAPRS
>I use the pickup truck while mobile and the house when home. It show up
>correctly.
>I am using the D7 in APRS mode, not with a pc.
>Mac W8XF

How are you setting the icons then? I set mine to KC6ETE-7 and the Kenwood
icon.

229. Re: [HTAPRS:272] pocketAPRS Fantastic!

From: "Michael Malloy" <malloy@execpc.com>
Date: Thu, 21 Jan 1999 17:28:34 -0600
To: <Ken@bassandco.com>, <htaprs@tapr.org>
Message-ID: <01be4595$c3531c00$5c84cfa9@m-m>
Rendered body type: text/plain

-----Original Message-----
From: Ken Bass <Ken@bassandco.com>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Thursday, January 21, 1999 8:28 AM
Subject: [HTAPRS:272] pocketAPRS Fantastic!

>Mike has done a fantastic job with v. 0.22 of pocketAPRS. The integration
>with the TH-D7A works like a charm. It not only decodes Mic-E packets, it
>
I would like to echo Ken's statement. Lots of folks here in Milwaukee are
really excited about pocketAPRS.
We were able to demo it at a recent hamfest and it generated a lot of
interest. 3com should be paying you!

73 Mike N9WJV

230. APRS Light Airplane Flight 22Jan98

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Thu, 21 Jan 1999 20:25:33 -0500
To: "Mike Musick" <71301.3106@compuserve.com>, "HTAPRS" <htaprs@tapr.org>,
        "APRS SIG List Server" <aprssig@tapr.org>
Message-ID: <NCBBINEHEKOFFAMOHNLHKEEECJAA.bottomgun@mindspring.com>
Rendered body type: text/plain

Will be testing PocketAPRS during a light plane flight from Hollywood, FL to
Montgomery, AL. Total expected time of flight = 4 hrs, departure 0800 EST
22Jan98, arrival 1100 CST, call sign = KF4DBI-3, icon will be an aircraft.
Will try to pass messages as time and batteries allow. This version of
PocketAPRS is much more stable than the past beta, have had to constantly
reset and refill 3 screens of info!! Mike M. HAS DONE A FABULOUS JOB!!!

Will return on the 24JAN98, departure from Montgomery will be approximately
1300 CST.

73,
Jay/KF4DBI

231. Re: [HTAPRS:269] digest mode

From: "Stan Horzepa" <stanzepa@mail2.nai.net>
Date: Thu, 21 Jan 1999 19:54:17 -0500
To: dave@hungerford.cc, htaprs@tapr.org
Message-ID: <199901220256.VAA11815@mail1.javanet.com>
Rendered body type: text/plain

send an e-mail to listserv@tapr.org

in the message say

   set htaprs mail digest

>From: Dave Hungerford <dave@hungerford.cc>
>To: htaprs@tapr.org
>Subject: [HTAPRS:269] digest mode
>Date: Wed, Jan 20, 1999, 8:22 PM
>

> Is the HTAPRS sig available in the digest mode?
>
> Dave Hungerford

> N1OLX
>
>

232. Re: Batteries etc

From: "Tim Russell" <timruss@home.com>
Date: Thu, 21 Jan 1999 22:44:02 -0600
To: <htaprs@tapr.org>
Message-ID: <000001be45c1$d550ce80$c9f30318@cx149927-a.omhas1.ne.home.com>
Rendered body type: text/plain

bobj@mediaone.com wrote:
> The battery input jack has a mechanical contact arrangement
>that can disconnect the battery from the unit when a jack is
>plugged in (DC Cord/wall wart).. Might check to see that nothing
>is clogged in it..

Does that mean that when the radio is on and plugged into power via the
jack, the batteries are completely out of the picture, i.e. not being
charged? I hope so - I had thought that the batteries were charged when it
was on and plugged in and was worried about the effects of that on Nicads...

Tim, N0ZHY

233. Re: D7 icons

From: "Chuck Doubrough" <skip@bigfoot.com>
Date: Thu, 21 Jan 1999 23:53:56 -0500
To: <htaprs@tapr.org>
Message-ID: <01be45c3$37a12700$de798c8e@sgcwr40142>
Rendered body type: text/plain

I had the same Icon problem with 2.2.3 and 2.2.4 versions of WinAPRS. When
checking the beacons I noticed that whenever there was a space before the
Icon digits in the beacon (for a running man its [/) I got a dot on the
screen. When that position was anything else, I got the right Icon. I
still can't explain why though. Hope this helps the software whiz's to
track down this peculiarity.
Chuck VA3SD

-----Original Message-----
From: w8xf@juno.com <w8xf@juno.com>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Thursday, January 21, 1999 1:40 PM
Subject: [HTAPRS:274] Re: D7 icons

>My icons are whatever I set up on the D7, on 2.23 and 2.24 WAPRS
>I use the pickup truck while mobile and the house when home. It show up
>correctly.
>I am using the D7 in APRS mode, not with a pc.
>Mac W8XF
>On Thu, 21 Jan 1999 12:01:34 -0600 (CST) dave vanhorn
><dvanhorn@cedar.net> writes:
>>Has anyone else noticed, on the last two versions of WAPRS (maybe all)
>>that
>>the D7 icons end up as DF triangles, or other things, regardless what
>>they
>>are set to on the HT?
>

234. Re: [HTAPRS:279] Re: Batteries etc

From: dave vanhorn <dvanhorn@cedar.net>
Date: Thu, 21 Jan 1999 23:55:06 -0500
To: timruss@home.com, htaprs@tapr.org
Message-ID: <4.1.19990121235306.03cbf740@192.168.0.1>
Rendered body type: text/plain

>Does that mean that when the radio is on and plugged into power via the
>jack, the batteries are completely out of the picture, i.e. not being
>charged? I hope so - I had thought that the batteries were charged when it
>was on and plugged in and was worried about the effects of that on Nicads...

Provided you have enough voltage and current, (12 VDC or so) then they are
being charged.
They are not available to the HT for high current drains though. Some
designs let the HT draw peak currents from the batteries, but in this case,
it's charge only when the plug is in. If you want the radio to TX at full

power, your 12V supply needs to have a couple amps behind it.

235. Re: [HTAPRS:280] Re: D7 icons

From: Steve Dimse <sdimse@netrox.net>
Date: Fri, 22 Jan 1999 00:12:42 -0500
To: <skip@bigfoot.com>, <htaprs@tapr.org>
Message-ID: <199901220514.AAA10839@netrox.net>
Rendered body type: text/plain

On 1/21/99 11:54 PM Chuck Doubrough (skip@bigfoot.com) wrote:

>I had the same Icon problem with 2.2.3 and 2.2.4 versions of WinAPRS. When
>checking the beacons I noticed that whenever there was a space before the
I'm guessing that either you are looking at things through the internet.
The problem, which has been mentioned before, is the use of non-printing
chars in the Mic-E. These get lost while in the internet system, so that
the wrong character gets interpreted as the icon. We will be modifying
all the IGates to convert the data to a "normal" APRS format prior to
transmission to the internet. aprsd and aprsmon already do this.

If you aren't looking at the data on the internet, check you TNC for
settings that may filter non-printing chars, like FILTER.

Steve K4HG

>Icon digits in the beacon (for a running man its [/) I got a dot on the
>screen. When that position was anything else, I got the right Icon. I
>still can't explain why though. Hope this helps the software whiz's to
>track down this peculiarity.
>Chuck VA3SD
>
>-----Original Message-----
>From: w8xf@juno.com <w8xf@juno.com>
>To: htaprs@tapr.org <htaprs@tapr.org>
>Date: Thursday, January 21, 1999 1:40 PM
>Subject: [HTAPRS:274] Re: D7 icons
>
>
>>My icons are whatever I set up on the D7, on 2.23 and 2.24 WAPRS
>>I use the pickup truck while mobile and the house when home. It show up
>>correctly.
>>I am using the D7 in APRS mode, not with a pc.
>>Mac W8XF
>>On Thu, 21 Jan 1999 12:01:34 -0600 (CST) dave vanhorn
>><dvanhorn@cedar.net> writes:
>>>Has anyone else noticed, on the last two versions of WAPRS (maybe all)
>>>that
>>>the D7 icons end up as DF triangles, or other things, regardless what
>>>they
>>>are set to on the HT?
>>

236. Lock up of DH7A

From: Ed_Mulholland@hunt-corp.com
Date: Fri, 22 Jan 1999 08:29:20 -0500
To: htaprs@tapr.org
Message-ID: <85256701.0044F029.00@LN-PA-04.HUNT-CORP.COM>
Rendered body type: text/plain

I have had the unit lock up 3 times each requiring removing the battery to
regain control. The first time I was plugging in the cables to GPS and
computer so I didn't pay much attention to it....operator error! The 2 & 3
time (this am) the radio was in use properly working and either locked up
on it own or as happened this morning, I was in qso when the data band had
some task to do. I keyed the ptt twice and it locked up. I wonder, does
Kenwood have a suggestion or fix in the works for this?

237. mic-e mode question

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Fri, 22 Jan 1999 17:26:53 -0500
To: <htaprs@tapr.org>
Message-ID: <008801be4656$559f7d40$0300a8c0@wes>
Rendered body type: text/plain

Can the Kenwood D7 do mic-e packets at 9600 baud?

Kinda makes the packets short doesn't it?

238. Re: [HTAPRS:284] mic-e mode question

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Fri, 22 Jan 99 18:12:29 EST
To: kd4rdb@bellsouth.net
Cc: htaprs@tapr.org
Message-ID: <CMM.0.90.4.917046749.alan@watsol>
Rendered body type: text/plain

> Can the Kenwood D7 do mic-e packets at 9600 baud?
>
> Kinda makes the packets short doesn't it?
>

Not it can't. Yes it would. Dunno how easy 9k6 is to decode from a
station without a rock-solid signal tho.
73 de Alan N2YGK

239. Re: [HTAPRS:285] Re: mic-e mode question

From: "Demos Doulou" <sdoulou1@tampabay.rr.com>
Date: Fri, 22 Jan 1999 19:00:23 -0500
To: <htaprs@tapr.org>
Message-ID: <020201be4663$89797e60$0200a8c0@one>
Rendered body type: text/plain

Hmm 9600 baud. Our local sheriffs office is running rock solid digital
data at 19200 baud. This is to one base site to many moving vehicles around
the county. the base is only 100 feet up and covers the entire 350 square
miles. How do they do it? By using diversity reception at the base and in
the mobiles.

Demos KR4US

-----Original Message-----
From: Alan Crosswell <alan@watsun.cc.columbia.edu>
To: htaprs@tapr.org <htaprs@tapr.org>
>Not it can't. Yes it would. Dunno how easy 9k6 is to decode from a
>station without a rock-solid signal tho.
>73 de Alan N2YGK
>

240. Re: [HTAPRS:285] Re: mic-e mode question

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Fri, 22 Jan 1999 19:19:21 -0500
To: <alan@watsun.cc.columbia.edu>, <htaprs@tapr.org>
Message-ID: <001201be4666$0747b120$3e62d6d1@wes>
Rendered body type: text/plain

Seems like this is something Kenwood could enable in software. 9600 is so
"quiet" and so short .... AND since kpc9612's come with dual port gating...
AND since most repeater recievers have discriminator outputs... seems like
it COULD be a good fit.... just thinking aloud.

-----Original Message-----
From: Alan Crosswell <alan@watsun.cc.columbia.edu>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Friday, January 22, 1999 6:34 PM
Subject: [HTAPRS:285] Re: mic-e mode question

>> Can the Kenwood D7 do mic-e packets at 9600 baud?
>>
>> Kinda makes the packets short doesn't it?
>>
>
>Not it can't. Yes it would. Dunno how easy 9k6 is to decode from a
>station without a rock-solid signal tho.
>73 de Alan N2YGK
>
>

241. Reverse RELAY for UI Pakets?

From: "Ed Braaten" <ekb@sprynet.com>
Date: Fri, 22 Jan 1999 17:49:44 -0800
To: <htaprs@tapr.org>
Message-ID: <000b01be4672$a70fd000$391c9ad1@braaten1>
Rendered body type: text/plain

I apologize for this cross-post if some of you CA APRS list members get this twice, but I'm thinking someone on this sig would be more likely to have faced this issue...

I operate my D7 (K6EKB-7) frequently inside a remote steel building that hampers the reception of 2M signals. I have a digipeater in my truck which is parked outside this building (K6EKB-14 running a KPC-3 Plus into a Kenwood V7) that I have configured to "UIDIGI" on "RELAY" packets. I then use a "RELAY,WIDE,WIDE" for the D7's path. This works great getting packets out of the building even at extra-low power from the handheld. I can also see my D7 packets repeated by the truck's digipeater on my D7 inside the building, but rarely any other traffic. Is there any way to setup a relay in the reverse direction? I.e. my truck would digipeat packets addressed to K6EKB-7 so I can receive them inside the building?

One answer to my own question is to have the sending station modify their PATH statement to include "K6EKB-14". I'm still looking for a more elegant, generic solution that wouldn't require the sending stations to be aware of the special path required to reach my "deaf" D7... Any ideas would be much appreciated!

73, de Ed K6EKB

Ed Braaten, K6EKB
http://home.sprynet.com/sprynet/ekb/
mailto:ekb@sprynet.com

242. Connect D7/Garmin GPS II/ Computer

From: "911RADIO.COM" <westernmobiletel@worldnet.att.net>
Date: Fri, 22 Jan 1999 18:28:07 -0500
To: htaprs@tapr.org
Message-ID: <36A90987.504E@worldnet.att.net>
Rendered body type: text/plain

I have 2 ea. D7's, a GPS II and a computer with map software connected with a cable to my computer and an othe cable connected in the vehicle to the Garmin. Kenwood gave me this site to contact and HRO has not been able to help me program it to make it play. Could someone call my 800-435-9800 and guide me?
--
Very Best Regards, ARTHUR 73 KC6KUK ANAHEIM CA.

http://www.911radio.com

243. Re: [HTAPRS:288] Reverse RELAY for UI Pakets?

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 22 Jan 1999 21:34:02 -0600
To: <ekb@sprynet.com>, <htaprs@tapr.org>
Message-ID: <002001be4681$396b2040$5a6f95d0@av.novia.net>
Rendered body type: text/plain

I had this same issue at a recent hamfest. Although you have to assess what impact it will have on your local network, changing UIDIGI to

UIDIGI RELAY,WIDE,TRACE

will enable you to get packets inside that have enough WIDE's (or TRACE's) on the path to get that extra hop inside to you. You may not want to leave it that way permanently because a rolling WIDE might cause extra qrm, etc.

Having stations that need to message you use a specific path with your truck callsign in the path is the best method with the least possibility of qrm, you'll have to weigh the alternatives.

Jim   N0RMO
Omaha NE

>Kenwood V7) that I have configured to "UIDIGI" on "RELAY" packets. I then
>use a "RELAY,WIDE,WIDE" for the D7's path. This works great getting packets
>out of the building even at extra-low power from the handheld. I can also
>Ed Braaten, K6EKB

244. Re: [APRSSIG:33330] Re: [HTAPRS:285] Re: mic-e mode question

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Fri, 22 Jan 1999 23:14:30 -0500
To: "Bob Bruninga" <bruninga@nadn.navy.mil>, <htaprs@tapr.org>

Message-ID: <005b01be4686$e138a360$3e62d6d1@wes>
Rendered body type: text/plain

True, but the protocols have nothing to do with the physical layer. And
kenwood did the surgery for all of us when they installed a 9k6 TNC, right?

-----Original Message-----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: Wes Johnston <kd4rdb@bellsouth.net>
Cc: aprssig@tapr.org <aprssig@tapr.org>
Date: Friday, January 22, 1999 11:05 PM
Subject: Re: [APRSSIG:33330] Re: [HTAPRS:285] Re: mic-e mode question

>On Fri, 22 Jan 1999, Wes Johnston wrote:
>
>> Seems like this is something Kenwood could enable in software. 9600 is
so
>> "quiet" and so short .... AND since kpc9612's come with dual port
gating...
>> AND since most repeater recievers have discriminator outputs... seems
like
>> it COULD be a good fit.... just thinking aloud.
>
>9600 baud TNC's have been around for 10 years but noone was willing to do
>surgery on their radios to use it. Therefore the Mic-E protocol was
>designed to use Microphone and speaker audio so no radio mods were
>required.
>
>
>
>

245. Garmin GPS35-LVS or PC?

From: "Steven R. Bible" <n7hpr@tapr.org>
Date: Sat, 23 Jan 1999 12:06:07 -0500
To: htaprs@tapr.org
Message-ID: <3.0.6.32.19990123120607.0099a750@pop.gate.net>
Rendered body type: text/plain

At 08:20 AM 1/21/99 -0600, Ken wrote:

>(Now if we could only get Kenwood to fix the RMC decimal place bug, we could
>have a really neat, off the shelf minimalist GPS/TNC/RADIO mobile combo
using,
>say GARMIN 35PC/pocketAPRS/TH-D7A!

I've been looking at the Garmin GPS35 trackers. There are basically two
versions: the -LVS and -HVS (also available as PC). The -LVS draws much
less current but requires a voltage regulator. The PC version, complete
with molded DB9 and cigarette light plug draws more current.

If you wanted a portable combo, it seems to me that you want the -LVS
version. It comes with tinned wires so you would have to install your own
DB-9 and voltage regulator.

Comments?

 - Steve
 (n7hpr@tapr.org)
 (n7hpr@amsat.org)

246. RE: Just an observation

From: "Ed Braaten" <ekb@sprynet.com>
Date: Sat, 23 Jan 1999 09:39:41 -0800
To: <htaprs@tapr.org>
Message-ID: <000001be46f7$5bfe2000$391c9ad1@braaten1>
Rendered body type: text/plain

This reminds me of the feature I miss most on the D7 - a battery voltage
indicator like on the Yaesu FT-50R. I'm not sure why Kenwood is still
shipping NiCad vs. NiMH or Lithium Ion battery in the first place. I guess
they'll have to when they bring out the next rev of the D7 with its built-in
GPS, barometer, thermometer, and 0.5 - 16 MHz SW receive... ;-)

If you haven't seen it already, check out: http://www.yaesu.com/vx5r.html
...all they left out was the TNC and GPS for a all-in-one handheld Wx

station. =%-)

73, Ed

Ed Braaten, K6EKB
http://home.sprynet.com/sprynet/ekb/
mailto:ekb@sprynet.com

> -----Original Message-----
> From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Larry P.
> Thomas WA0GWA
> Sent: Monday, 18 January, 1999 11:59
> To: htaprs@tapr.org
> Subject: [HTAPRS:251] Just an observation
>
>
> I had just purchased the PB-39H MAHA NiMH battery which is a
> 7.2 volt at
> 1.8AH and was trying to get a handle on how long it really
> would run the
> radio in APRS with TNC etc going. I was not beaconing
> anything with more
> power than the EL setting so power drain would be low. After 24hrs I
> decided I should check the battery voltage to see why it was
> still working
> okay. Voltage read 4.8 volts and unit was still working
> fine. Decided to
> recharge battery even though it was still working the radio
> fine. Some
> have indicated you should not drop voltage below say 1.0 volt per cell
> which would have been 5.00 for this pack.
>
> Does anyone know if the sensitivity of the standard Kenwood
> drop in rapid
> charger to deltaV is good enough to terminate the rapid
> charge cycle on
> MAHA NiMH batteries. I was told the Kenwood for the TH-79
> style batteries
> was not but don't know if the rapid charger for the G71/D7A
> can be used for
> NiMH batteries.
>
> Later
> Larry
>
>
>
> --
> Larry P. Thomas   wa0gwa voice : 1 913 888-0282
> Krell Technologies   fax : 1 913 782-9359
> 8960 Bond   pager : 1 816 989-HELP
> Overland Park, KS   www.krell.com
> 66214-1722   USA   lpthomas@krell.com
>

247. Ouch! Be very careful with the encoder knob...

From: "Tim Russell" <timruss@home.com>
Date: Sat, 23 Jan 1999 11:53:13 -0600
To: <htaprs@tapr.org>
Message-ID: <000001be46f9$3f276520$c9f30318@cx149927-a.omhas1.ne.home.com>
Rendered body type: text/plain

Just a note from someone who learned the hard way: be VERY careful with the
encoder knob on top of the radio - the shaft it's on is extremely thin.

Yesterday I had my D7 in a jacket hanging about 1.5 feet above a carpeted
floor at work, with the antenna off, pointing down. A colleague
accidentally knocked the jacket off the hook (my fault totally) and the
radio fell that little bit.

Snapped the encoder knob off quite cleanly. It's sitting on a shaft that's
about a millimeter thick when it gets below the volume ring, so it's QUITE
fragile.

Luckily I haven't found anything other than convenience that the encoder is
needed for, as the arrow pad can do everything it does. I'm going to wait a

bit in the hopes that Kenwood does a firmware upgrade and I can get both done at once.

So: be careful!

Tim, N0ZHY

248. Re: pocketAPRS Fantastic!

From: "Ed Braaten" <ekb@sprynet.com>
Date: Sat, 23 Jan 1999 10:08:03 -0800
To: <htaprs@tapr.org>
Message-ID: <000101be46fb$528c13c0$391c9ad1@braaten1>
Rendered body type: text/plain

PocketAPRS is definitely a brilliant piece of programming! I'm not sure if it is just the behaviour of my still unregistered copy, but PocketAPRS does somehow "lock" the Palm Pilot while it is running. This makes all the other programs on your Pilot unavailable for use - NOT a nice feature if you ask me.

As a 'minimilist' APRS station this is an impressive combo. I don't think I would want to be tied to the slooooo map refreshes and limited screen format of the Palm Pilot in a serious Public Service event however. A cheap notebook with a faster CPU, "full-size" screen and real keyboard still seem like the ideal way to go for heavy-duty use.

73, Ed

Ed Braaten, K6EKB
http://home.sprynet.com/sprynet/ekb/
mailto:ekb@sprynet.com

> -----Original Message-----
> From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Michael
> Malloy
> Sent: Thursday, 21 January, 1999 15:36
> To: htaprs@tapr.org
> Subject: [HTAPRS:276] Re: pocketAPRS Fantastic!
>
>
>
> -----Original Message-----
> From: Ken Bass <Ken@bassandco.com>
> To: htaprs@tapr.org <htaprs@tapr.org>
> Date: Thursday, January 21, 1999 8:28 AM
> Subject: [HTAPRS:272] pocketAPRS Fantastic!
>
>
> >Mike has done a fantastic job with v. 0.22 of pocketAPRS.
> The integration
> >with the TH-D7A works like a charm. It not only decodes
> Mic-E packets, it
> >
> I would like to echo Ken's statement. Lots of folks here in
> Milwaukee are
> really excited about pocketAPRS.
> We were able to demo it at a recent hamfest and it generated a lot of
> interest. 3com should be paying you!
>
> 73 Mike N9WJV
>

249. D7A Power plug

From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Sat, 23 Jan 1999 14:06:48 -0600
To: htaprs@tapr.org
Message-ID: <199901232052.OAA01453@r2d2.krell.com>
Rendered body type: text/plain

The power plug on the wall-wart that comes with the D7A looks to be a standard 3.5 mm type plug. Upon closer examination there is a ridge in the barrel about a mm or 2 from the end. This seems to aid in causing the plug to snap in and stay put. The OEM plug is also fairly blunt on the end. The only power plugs I can locate seem to have more taper to them and are smooth all the way to the end. I hate to use something that has a tendency to come out when the unit is under power. The current this plug is asked

to handle under 5.5 watt transmit is not a current I'd like to disconnect
at this plug. The jack on the D7A has to be fairly complex and delicate
since a switch is involved to switch the charge circuitry internally.

Has anyone found a good source for power plugs with this groove near the
end of the plug.

Later
Larry

 Larry P. Thomas   wa0gwa voice : 1 913 888-0282
 Krell Technologies   fax : 1 913 782-9359
 8960 Bond   pager : 1 816 989-HELP
 Overland Park, KS   www.krell.com
 66214-1722   USA   lpthomas@krell.com

250. Re: [HTAPRS:296] D7A Power plug

From: Carl Littlejohns <carl@ambrosia.demon.co.uk>
Date: Sat, 23 Jan 1999 21:16:31 GMT
To: lpthomas@krell.com
Cc: htaprs@tapr.org
Message-ID: <VA.00000aa2.04988a00@study>
Rendered body type: text/plain

In article <199901232052.OAA01453@r2d2.krell.com>, Larry P. Thomas WA0GWA
wrote:

> The power plug on the wall-wart that comes with the D7A looks to be a
> standard 3.5 mm type plug. Upon closer examination there is a ridge in the

Not a helpful reply - but at least you dont have the problem I had with the
Standard C78 radio - the power plug looked for all the world like a
2.5mm jack plug except there was a slightly thicker bit of insulation than
usual between the tip and the stem - regular 2.5mm jacks shorting the psu
whenever you insert or remove them..:-)

Carl
gw0tqm

251. RE: [HTAPRS:292] Garmin GPS35-LVS or PC?

From: "Bob Oesterlin" <oester@millcomm.com>
Date: Sat, 23 Jan 1999 16:54:14 -0600
To: <n7hpr@tapr.org>, <htaprs@tapr.org>
Message-ID: <000001be4723$4ced4c40$db09a3d1@oester>
Rendered body type: text/plain

Based on some past SIG postings, I think what you want is the GPS-35LP-HVS.
This is the high voltage, RS232 level signals, version of the 35 Low Power.

Bob Oesterlin N0EST

-----Original Message-----
From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Steven R.
Bible
Sent: Saturday, January 23, 1999 11:09 AM
To: htaprs@tapr.org
Subject: [HTAPRS:292] Garmin GPS35-LVS or PC?

At 08:20 AM 1/21/99 -0600, Ken wrote:

>(Now if we could only get Kenwood to fix the RMC decimal place bug, we
could
>have a really neat, off the shelf minimalist GPS/TNC/RADIO mobile combo
using,
>say GARMIN 35PC/pocketAPRS/TH-D7A!

I've been looking at the Garmin GPS35 trackers. There are basically two
versions: the -LVS and -HVS (also available as PC). The -LVS draws much
less current but requires a voltage regulator. The PC version, complete
with molded DB9 and cigarette light plug draws more current.

If you wanted a portable combo, it seems to me that you want the -LVS
version. It comes with tinned wires so you would have to install your own
DB-9 and voltage regulator.

Comments?

- Steve
(n7hpr@tapr.org)
(n7hpr@amsat.org)

252. Re: [HTAPRS:294] Ouch! Be very careful with the encoder knob...

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 23 Jan 1999 19:16:41 -0500 (EST)
To: Tim Russell <timruss@home.com>
Cc: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901231913120.2695-100000@arctic>
Rendered body type: text/plain

On Sat, 23 Jan 1999, Tim Russell wrote:

> Just a note from someone who learned the hard way: be VERY careful with the
> encoder knob on top of the radio - the shaft it's on is extremely thin.

I dropped mine too from chest height onto a concrete floor and tried to
catch it with my foot. Ended up kicking it down the concrete steps. It
bent the Encoder knob. But it was easy to bend back. Now I see why...

Still works fine...

bob

253. 2meter APRS & 2meter voice mobile installation question

From: jtennant@sbccom.com (Jacob Tennant)
Date: Sat, 23 Jan 1999 22:16:14 -0500
To: "APRS-HT" <htaprs@tapr.org>, "APRSSIG" <aprssig@tapr.org>
Message-ID: <19990124032732711.AAA230@mail.sbccom.com@wvu.edu.wvu.edu>
Rendered body type: text/plain

I am about to install a mobile APRS setup in a 1987 Ford Aerostar mini-van
and had a question about limiting the interference between the APRS systems
2meter radio (either a HT or a MFJ data radio) and the 2meter voice radio
(at this time a 35watt Motorola MCX-90, soon to be a Kenwood TM-261
50/10/5watts or a HT with amplifier, depending on advise recieved).

Antennas so far is a 1/4 hole-mount on the roof above the drivers area,
looking at a dual-band antenna mounted on the rear door or hood.

Since they are both 2meter radios I was thinking that one would be
desensitized by the other. So I was also looking at running 70cm as primary
voice system and use 2meter voice only if needed since our local repeater
is a 2meter/70centimeter linked repeater.

The basis for this question is that in my area I am the ARES Net Manager
and do most ARES operations as a on-scene communications center along with
the EC, also Net Manager/Chaser for SKYWARN activities.

73's Jacob Tennant,KB8QIR

254. Re: [HTAPRS:300] 2meter APRS & 2meter voice mobile installation question

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Sat, 23 Jan 1999 22:34:45 -0500
To: <jtennant@sbccom.com>, <htaprs@tapr.org>
Message-ID: <00fd01be474a$7e028940$3e62d6d1@wes>
Rendered body type: text/plain

yes they will interfere with one another. Since you have a van, I'm going
to make a W.A.S (Wild A** Suggestion)... install a band pass cavity on the
aprs rig. I'm not talking about one of these DCI filters, Im talking about
a 3 foot high/ 12 inch diameter cavity.

-----Original Message-----
From: Jacob Tennant <jtennant@sbccom.com>
To: htaprs@tapr.org <htaprs@tapr.org>
Date: Saturday, January 23, 1999 10:29 PM
Subject: [HTAPRS:300] 2meter APRS & 2meter voice mobile installation
question

>I am about to install a mobile APRS setup in a 1987 Ford Aerostar mini-van
>and had a question about limiting the interference between the APRS systems
>2meter radio (either a HT or a MFJ data radio) and the 2meter voice radio
>(at this time a 35watt Motorola MCX-90, soon to be a Kenwood TM-261

>50/10/5watts or a HT with amplifier, depending on advise recieved).
>
>Antennas so far is a 1/4 hole-mount on the roof above the drivers area,
>looking at a dual-band antenna mounted on the rear door or hood.
>
>Since they are both 2meter radios I was thinking that one would be
>desensitized by the other. So I was also looking at running 70cm as primary
>voice system and use 2meter voice only if needed since our local repeater
>is a 2meter/70centimeter linked repeater.
>
>The basis for this question is that in my area I am the ARES Net Manager
>and do most ARES operations as a on-scene communications center along with
>the EC, also Net Manager/Chaser for SKYWARN activities.
>
>73's Jacob Tennant,KB8QIR
>
>

255. Re: [HTAPRS:301] Re: 2meter APRS & 2meter voice mobile installation question

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Sat, 23 Jan 1999 23:57:27 -0500
To: "Bob Oesterlin" <oester@millcomm.com>, <htaprs@tapr.org>
Message-ID: <010a01be4756$0b5916a0$3e62d6d1@wes>
Rendered body type: text/plain

DB products is one official source... I've picked up a few from time to time at hamfests... used prices range from $75 to $100. Note that repeater 6 pack cavities can be split up. As an example, our ham club has 6 cavities in a rack (3 for TX , 3 for RX frequency). These can be split up into 6 individual units... why you ask? because they took a lightning hit and the silver coating inside is damaged at exactly the point that they tune up for 146.97 / 146.37 . If you tune them to a different frequency they still work great.

as a starting point...

www.decibelproducts.com makes a cavity for 148 mhz service. DB4001-1 there are no prices given on the site.

www.txrx.com makes band pass filters, but doesn't seem to give any info on line.

Wes

-----Original Message-----
From: Bob Oesterlin <oester@millcomm.com>
To: kd4rdb@bellsouth.net <kd4rdb@bellsouth.net>
Date: Saturday, January 23, 1999 11:03 PM
Subject: RE: [HTAPRS:301] Re: 2meter APRS & 2meter voice mobile installation question

>Not such a wild idea! Can you suggest a source and cost?
>
>Bob Oesterlin N0EST
>
>-----Original Message-----
>From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Wes Johnston
>Sent: Saturday, January 23, 1999 9:39 PM
>To: htaprs@tapr.org
>Subject: [HTAPRS:301] Re: 2meter APRS & 2meter voice mobile installation
>question
>
>
>yes they will interfere with one another. Since you have a van, I'm going
>to make a W.A.S (Wild A** Suggestion)... install a band pass cavity on the
>aprs rig. I'm not talking about one of these DCI filters, Im talking about
>a 3 foot high/ 12 inch diameter cavity.
>
>>
>
>

256. Re: [HTAPRS:301] Re: 2meter APRS & 2meter voice mobile installation question

From: Claude Head <k5dtn@wans.net>
Date: Sun, 24 Jan 1999 00:13:22 -0600
To: kd4rdb@bellsouth.net

Cc: htaprs@tapr.org
Message-ID: <36AABA01.A35F167B@wans.net>
Rendered body type: text/plain

Well, Wes' solution works in one direction, not both directions. The
bandpass cavity on the APRS radio will prevent the voice radio from
interfering with the APRS radio, but will do nothing for the voice
radio. The APRS radio will still desense the voice radio.Working
with the voice radio is considerably more complicated, since you will
have two frequencies to deal with, the receive frequency and the
transmit frequency, generally +- 600 khz away. This means two
bandpass filters, running in parallel so that both frequencies
could pass. Then, unless you plan to operate on only one voice
repeater, you'd have retune both of these cavities each time
you changed repeaters. All in all, not a very practical way of
doing things.

A better way might be to use the voice radio's squelch line
to inhibit the APRS transmitter when the voice radio was
receiving something. The problem here is that the APRS
transmitter could be completely blocked for long periods
if the voice radio's repeater was very busy!

The simplest thing of all would be the setup that Wes
suggested, and just put up with the occasional desense
when the APRS radio transmitted. It would probably
help, in this case, not to use the APRS system as a
RELAY station, just to reduce the number of times
it has to transmit..

My $0.02 worth.

72, Claude
      K5DTN

Wes Johnston wrote:

> yes they will interfere with one another. Since you have a van, I'm going
> to make a W.A.S (Wild A** Suggestion)... install a band pass cavity on the
> aprs rig. I'm not talking about one of these DCI filters, Im talking about
> a 3 foot high/ 12 inch diameter cavity.
>
> -----Original Message-----
> From: Jacob Tennant <jtennant@sbccom.com>
> To: htaprs@tapr.org <htaprs@tapr.org>
> Date: Saturday, January 23, 1999 10:29 PM
> Subject: [HTAPRS:300] 2meter APRS & 2meter voice mobile installation
> question
>
> >I am about to install a mobile APRS setup in a 1987 Ford Aerostar mini-van
> >and had a question about limiting the interference between the APRS systems
> >2meter radio (either a HT or a MFJ data radio) and the 2meter voice radio
> >(at this time a 35watt Motorola MCX-90, soon to be a Kenwood TM-261
> >50/10/5watts or a HT with amplifier, depending on advise recieved).
> >
> >Antennas so far is a 1/4 hole-mount on the roof above the drivers area,
> >looking at a dual-band antenna mounted on the rear door or hood.
> >
> >Since they are both 2meter radios I was thinking that one would be
> >desensitized by the other. So I was also looking at running 70cm as primary
> >voice system and use 2meter voice only if needed since our local repeater
> >is a 2meter/70centimeter linked repeater.
> >
> >The basis for this question is that in my area I am the ARES Net Manager
> >and do most ARES operations as a on-scene communications center along with
> >the EC, also Net Manager/Chaser for SKYWARN activities.
> >
> >73's Jacob Tennant,KB8QIR
> >
> >

257. RE: [HTAPRS:300] 2meter APRS & 2meter voice mobile installation question

From: "Ed Braaten" <ekb@sprynet.com>
Date: Sun, 24 Jan 1999 00:01:50 -0800
To: <htaprs@tapr.org>
Message-ID: <000301be476f$ccd7f6c0$391c9ad1@braaten1>
Rendered body type: text/plain

I'm running a pair of Kenwood V7's into 2 Larsen dual-band 2M/440 antennas
mounted on the roof of my Chevy Pick-up. One V7 is dedicated to dual-band

HAM repeater usage while the other V7 is my APRS data radio on the one band
with the other band dedicated to monitoring a local public service channel
(Sheriff). In addition to the two V7 radios I have a 220MHz rig and a
Bearcat scanner with their respective antennas mounted on the roof.

I hear packet burps out of the Bearcat scanner pretty regularly if the
scanner isn't locked on another signal when a packet goes out. But other
than that, I haven't had that much interference from my APRS tracker with
most of my other 2M/1.25M/70cm operations. The packets go out so quickly
(wouldn't 9600 baud be nice!?) that voice operations aren't really
negatively impacted. Of course every mobile radio installation is unique,
so your mileage will most likely vary. I imagine the safest thing would be
to borrow a mag-mount for your proposed 2nd antenna, temporarily mount a 2nd
rig and test the configuration out...

73, Ed

Ed Braaten, K6EKB
http://home.sprynet.com/sprynet/ekb/
mailto:ekb@sprynet.com

> -----Original Message-----
> From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of
> Jacob Tennant
> Sent: Saturday, 23 January, 1999 19:20
> To: htaprs@tapr.org
> Subject: [HTAPRS:300] 2meter APRS & 2meter voice mobile installation
> question
>
>
> I am about to install a mobile APRS setup in a 1987 Ford
> Aerostar mini-van
> and had a question about limiting the interference between
> the APRS systems
> 2meter radio (either a HT or a MFJ data radio) and the 2meter
> voice radio
> (at this time a 35watt Motorola MCX-90, soon to be a Kenwood TM-261
> 50/10/5watts or a HT with amplifier, depending on advise recieved).
>
> Antennas so far is a 1/4 hole-mount on the roof above the
> drivers area,
> looking at a dual-band antenna mounted on the rear door or hood.
>
> Since they are both 2meter radios I was thinking that one would be
> desensitized by the other. So I was also looking at running
> 70cm as primary
> voice system and use 2meter voice only if needed since our
> local repeater
> is a 2meter/70centimeter linked repeater.
>
> The basis for this question is that in my area I am the ARES
> Net Manager
> and do most ARES operations as a on-scene communications
> center along with
> the EC, also Net Manager/Chaser for SKYWARN activities.
>
> 73's Jacob Tennant,KB8QIR
>

258. Re: [HTAPRS:301] Re: 2meter APRS & 2meter voice mobile installation question

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Sun, 24 Jan 1999 08:24:00 -0500
To: "Claude Head" <k5dtn@wans.net>
Cc: <htaprs@tapr.org>
Message-ID: <013201be479c$cf4c31a0$3e62d6d1@wes>
Rendered body type: text/plain

Claude you are right, I forgot to take that "one more step" to inhibit the
aprs rig from transmitting. Ideally, APRS at the netcontrol is for RX most
of the time, so tying the XCD pin to the squelsch indicator on the 2m voice
rig would work. Maybe a bypass switch is in order here as well..

-----Original Message-----
From: Claude Head <k5dtn@wans.net>
To: kd4rdb@bellsouth.net <kd4rdb@bellsouth.net>

Cc: htaprs@tapr.org <htaprs@tapr.org>
Date: Sunday, January 24, 1999 1:13 AM
Subject: Re: [HTAPRS:301] Re: 2meter APRS & 2meter voice mobile installation
question

>Well, Wes' solution works in one direction, not both directions. The
>bandpass cavity on the APRS radio will prevent the voice radio from
>interfering with the APRS radio, but will do nothing for the voice
>radio. The APRS radio will still desense the voice radio.Working
>with the voice radio is considerably more complicated, since you will
>have two frequencies to deal with, the receive frequency and the
>transmit frequency, generally +- 600 khz away. This means two
>bandpass filters, running in parallel so that both frequencies
>could pass. Then, unless you plan to operate on only one voice
>repeater, you'd have retune both of these cavities each time
>you changed repeaters. All in all, not a very practical way of
>doing things.
>
>A better way might be to use the voice radio's squelch line
>to inhibit the APRS transmitter when the voice radio was
>receiving something. The problem here is that the APRS
>transmitter could be completely blocked for long periods
>if the voice radio's repeater was very busy!
>
>The simplest thing of all would be the setup that Wes
>suggested, and just put up with the occasional desense
>when the APRS radio transmitted. It would probably
>help, in this case, not to use the APRS system as a
>RELAY station, just to reduce the number of times
>it has to transmit..
>
>My $0.02 worth.
>
>72, Claude
>   K5DTN
>
>Wes Johnston wrote:
>
>> yes they will interfere with one another. Since you have a van, I'm
going
>> to make a W.A.S (Wild A** Suggestion)... install a band pass cavity on
the
>> aprs rig. I'm not talking about one of these DCI filters, Im talking
about
>> a 3 foot high/ 12 inch diameter cavity.
>>
>> -----Original Message-----
>> From: Jacob Tennant <jtennant@sbccom.com>
>> To: htaprs@tapr.org <htaprs@tapr.org>
>> Date: Saturday, January 23, 1999 10:29 PM
>> Subject: [HTAPRS:300] 2meter APRS & 2meter voice mobile installation
>> question
>>
>> >I am about to install a mobile APRS setup in a 1987 Ford Aerostar
mini-van
>> >and had a question about limiting the interference between the APRS
systems
>> >2meter radio (either a HT or a MFJ data radio) and the 2meter voice
radio
>> >(at this time a 35watt Motorola MCX-90, soon to be a Kenwood TM-261
>> >50/10/5watts or a HT with amplifier, depending on advise recieved).
>> >
>> >Antennas so far is a 1/4 hole-mount on the roof above the drivers area,
>> >looking at a dual-band antenna mounted on the rear door or hood.
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>> >Since they are both 2meter radios I was thinking that one would be
>> >desensitized by the other. So I was also looking at running 70cm as
primary
>> >voice system and use 2meter voice only if needed since our local
repeater
>> >is a 2meter/70centimeter linked repeater.
>> >
>> >The basis for this question is that in my area I am the ARES Net Manager
>> >and do most ARES operations as a on-scene communications center along
with
>> >the EC, also Net Manager/Chaser for SKYWARN activities.
>> >
>> >73's Jacob Tennant,KB8QIR

>> >
>> >
>
>

259. Re: [HTAPRS:304] RE: 2meter APRS & 2meter voice mobile installation question

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 24 Jan 1999 10:01:56 -0500 (EST)
To: Ed Braaten <ekb@sprynet.com>
Cc: htaprs@tapr.org
Message-ID: <Pine.GSO.4.05L.9901240959230.25590-100000@arctic>
Rendered body type: text/plain

On Sun, 24 Jan 1999, Ed Braaten wrote:

> I'm running a pair of Kenwood V7's into 2 Larsen dual-band 2M/440 antennas
> ....
> than that, I haven't had that much interference from my APRS tracker with
> most of my other 2M/1.25M/70cm operations. The packets go out so quickly
> [that the interference is minimal]

In the THD7 the STATUS is added to every packet instead of on a different
time scale as in the Mic-E. Thus, it is best not to include a THD7 STATUS
if you want the packets to be real short in general.
bob

260. suscribe

From: np3c@juno.com
Date: Sun, 24 Jan 1999 15:13:53 EST
To: htaprs@tapr.org
Message-ID: <19990124.151355.3182.1.NP3C@juno.com>
Rendered body type: text/plain

suscribe to htaprs

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

261. TNC - PC connection problems

From: Steve Prior <sprior@nfdc.net>
Date: Sun, 24 Jan 1999 17:00:16 -0800
To: htaprs@tapr.org
Message-ID: <36ABC21F.75FAF6F6@nfdc.net>
Rendered body type: text/plain

I have been working on getting the TNC - packet and the PC communicating
with no sucess. The connections to the best of my understanding are now
as follows:

```
Radio Jack                          PC Pin #
tip -TXD                                  #2    RXD
middle section- RXD                #3 - TXD
GND                                         #5 - GND
```

Tested with meter everything looks ok/

I am using PACTERM software and found that after I had the KPC3
connected and pulled out the connector and reinserted the new connector
(THD-7) and started the radio this message showed up on the screen.

```
TASCO radio modem
AX.25 level 2 version 2.0
release 08/18/98 2Chip ver 1.0
checksum $f0
cmd:my n3UYI-7
mycall was nocall
cmd: porto $0020
portout was $0000
```

This must be the KW - I use N3UYI-7 for the radio.

The PC and TNC do not talk and the computer freezes up.

Any help would be appreciated!
73
Steve

N3UYI

262. Re: [HTAPRS:308] TNC - PC connection problems

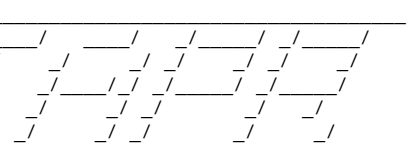
From: dave vanhorn <dvanhorn@cedar.net>
Date: Sun, 24 Jan 1999 17:48:14 -0500
To: sprior@nfdc.net, htaprs@tapr.org
Message-ID: <4.1.19990124174736.00a16620@192.168.0.1>
Rendered body type: text/plain

>
>This must be the KW - I use N3UYI-7 for the radio.
>
>The PC and TNC do not talk and the computer freezes up.

Make sure your packet program does not have hardware handshake enabled.

263. HT APRS Welcome Message

From: Lyris <lyris@lists.tapr.org>
Date: Sun, 24 Jan 1999 17:58:19 -0600
To: lyris.htaprs@tapr.org
Message-ID: <LYR845-388-1999.01.24-17.58.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain



Welcome to the TAPR HT APRS(r) Discussion Group.
This is a sub-group of the TAPR APRS(r) SIG

The purpose of the HTAPRS SIG is to provide a forum for folks interested
in discussing topics related to the Kenwood THD7A/E transceiver.

The HTAPRS SIG has a few simple rules:

1) Stick to the subject. That means no virus alerts, no chocolate chip
cookie recipes, no surplus gear fire sales, no nothing that isn't
directly
related to the Kenwood THD7A/E transceiver.

2) No abusive behavior demonstrated towards a list member will be
tolerated on the HTAPRS SIG. Please take your flames elsewhere.

3) The HTAPRS SIG chairperson reserve the right to unsubscribe any list
member who violates these rules without warning. That means one strike
and
you're out of here.

The chairperson of the HTAPRS SIG is:

Stan Horzepa, WA1LOU
wa1lou@tapr.org
http://www.tapr.org/~wa1lou
One Glen Ave., Wolcott, CT 06716-1442

To post messages to the linux list, send email to:

htaprs@lists.tapr.org

To unsubscribe from this mailing list, surf to:

http://www.tapr.org/cgi-bin/lyris.pl?enter=htaprs

or send email to:

lyris@lists.tapr.org

with the following line in the body of the message:

```
   unsub htaprs


The host of this list is:

   Tucson Amateur Packet Radio (TAPR)
   tapr@tapr.org
   http://www.tapr.org
   8987-309 E Tanque Verde Rd. #337, Tucson, AZ 85749-9399,
   phone 940-383-0000, fax 940-566-2544


------------------------------------------------------------------------------


Just so that you have all the commands neatly contained in one place,
here is just about everything you will need to know. Note that this list
is running on a Lyris server.  Please be aware that the commands might be
different from those that you are used to using on other list servers.
(For more information on Lyris, see <http://www.lyris.com/>.)


1. First of all, almost everything that you might need to do on the
   server is most easily and effectively performed via Lyris's Web
   interface at <http://www.tapr.org/cgi-bin/lyris.pl>.

2. In case you do not have Web access, here are some key commands; in all
   cases, the default server address is: <lyris@lists.tapr.org>. Other
   addresses are shown where appropriate. Note that commands may be placed
   in either the subject line or in the body of the message:


                SUBSCRIBING:
                  subscribe htaprs your_name
                  join htaprs your_name
                  alternate address: join-htaprs@lists.tapr.org

                UNSUBSCRIBING:
                  unsubscribe htaprs
                  leave htaprs
                  alternate address: leave-htaprs@lists.tapr.org

                SETTING MEMBERSHIP TO DIGEST MODE:
                  set htaprs digest

                SETTING MEMBERSHIP TO INDEX MODE:
                  set htaprs index

                SETTING MEMBERSHIP TO DISCUSSION MODE:
                  set htaprs mail

                TEMPORARILY SUSPENDING MAIL FROM THE LIST:
                  set htaprs nomail

                RESUMING MAIL FROM THE LIST:
          (command depends on your preferred mode)
                  set htaprs mail
                  set htaprs digest
                  set htaprs index

                ACKNOWLEDGMENT:
                  set htaprs ack
                    (sends you a confirmation message when your posts are sent)
                  set htaprs noack
                    (no confirmation message when posts are distributed)

                RECEIVING COPIES OF YOUR OWN POSTS:
                  set htaprs repro
                    (receive copies of your own posts)
                  set htaprs norepro
                    (do not receive copies of your own posts)

                SETTING YOUR PASSWORD:
                  set htaprs pw=mypassword
                    (where "mypassword" is the password you wish to set)

                DETERMINING YOUR MEMBERSHIP SETTINGS:
                  query htaprs
```

RETRIEVING THE CURRENT VERSION OF THIS DOCUMENT:
  get htaprs hello

MORE INFORMATION ON LYRIS'S COMMANDS:
  help

POSTING TO THE LIST:
  You must be a subscriber to post messages. Sending
  mail to this address will distribute it to all the members of the
  mailing list: htaprs@lists.tapr.org

3. CHANGING YOUR SETTINGS/ADDRESS VIA THE WEB INTERFACE: To do this, go
   to <http://www.tapr.org/cgi-bin/lyris.pl> and click the link in the
   "Change Your Settings" section. You'll need to enter your e-mail
   address and password (if you chose one) to continue.

   (If you've forgotten your password, you can type in your e-mail address
    in the field at the bottom of the page and click "Get password" to
    request Lyris to e-mail your password to you.)

   At the following page, you can read messages, post a message, adjust
   your settings, or unsubscribe. From the settings page, you can change
   your status (MAIL, DIGEST, INDEX, or NOMAIL), choose whether or not to
   see your own messages, and choose whether or not you want to receive a
   separate acknowledgement via e-mail when one of your messages is posted
   to the list, You can also change your e-mail address if you need to.
   When you change your settings, make sure you click the "Save" button at
   the bottom of the page.

4. ARCHIVES: The htaprs SIG archives are available on the Web, at the
   following URL: <http://www.tapr.org/sigf.html>

5. BOUNCED MAIL: One of the key features of Lyris is its ability to handle
   mail bounces transparently to the list owner; as such, bounced mail
   will be handled primarily by the Lyris list server.

6. POSTS/REPLIES FROM DIGEST USERS: You *must* change the Subject: line
   when replying to a digest; all posts with "htaprs DIGEST" in the
   Subject: line will be rejected by the server (you will receive a
   "rejection letter" when this happens).

APRS(r) is registered to Bob Bruninga, WB4APR.

264. [htaprs] Power Plug

From: "Rich Casey" <casey@acm.org>
Date: Sun, 24 Jan 1999 22:32:01 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-432-1999.01.25-00.35.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been using Radio Shack part 274-1571A power plugs and they are working
great both on the shack 12V supply (for a quick charge) anda second wall
wart. You see, I found that I could replace the connector on the charger for
my Pocket Bearcat with the RS plug part and it will now charge either the
data talkie or the Scanner (it just sticks out a tad in the scanner).
BTW, could someone post the web page for the alternative vendor for the 4
pin Garmin 12 connectors? Can't seem to locate it again.

Rich

---------- \\ -------------------------
Rich Casey   casey@acm.org
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

265. [htaprs] Re: TAPR Server Upgrade

From: Ed Mulholland <ed_mulholland@yahoo.com>
Date: Mon, 25 Jan 1999 05:07:59 -0800 (PST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-563-1999.01.25-07.08.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks, I'll check it out. Ed KA4WWV

---"Greg Jones, WD5IVD" <wd5ivd@tapr.org> wrote:
>
>
> Hello Ed Mulholland, you might be interested to know that TAPR
> has upgraded our list processor to a new lyris based system.
>
> This message is going to you on the htaprs list.
>
> You are listed as: ED_MULHOLLAND@YAHOO.COM on the list
>
>
> This new package has a lot of features which might cause a few
glitches as
> we make the transition. Read the following to find out more.
>
>
>
> ACCESSING THE SYSTEM VIA THE WEB
> --------------------------------
> When the new TAPR web pages go on-line in the next few weeks, they
will
> contain the new interface to the lists as well as a new and improved
search
> engine for the various mail archives.
>
> To directly access the TAPR.ORG Lyris server for now, use
> http://www.tapr.org/cgi-bin/lyris.pl
>
>
>
> GETTING ON-LINE HELP
> --------------------
> visit: http://www.tapr.org/lyris/help/index.html for a full on-line
manual
>
>
>
> MEMBERS ONLY POST
> -----------------
> With the recent increase in spamming some of the TAPR lists
implement the
> rule "only members of the list can post to said list". If the
incoming
> e-mail address doesn't match your e-mail subscription stored in the
list,
> lists.tapr.org will reject your message.
>
> If you get a rejected message from the list server, then you will
need to
> change your address in the list. We have already seen a few
rejected posts
> in the log. We apologize for those caught in the change over. Do the
> following and repost your message.
>
> To change your member e-mail address on this list, do the following:
>
> 1. go to http://www.tapr.org/cgi-bin/lyris.pl?enter=htaprs
> 2. For "Did you forget your password?" enter ED_MULHOLLAND@YAHOO.COM
> 3. lists.tapr.org will e-mail you your password for the list.
>
> After you get your password use "If you are member..."
> 4. enter ED_MULHOLLAND@YAHOO.COM for email address
> 5. enter YOUR_PASSWORD (the one you just got e-mailed)
> 6. click on the enter button
>
> At this point you can edit any of your information for this list.
> You can also send and receive messages from this screen if you are
away

> from e-mail at the time. We plan on keeping e-mail for 30 days on the
> Lyris interface, after which time messages can be found in the html
> searchable archives.
>
> To get more information on your options see:
> http://www.tapr.org/lyris/help/ChangeMembershipSettings.html
>
>
> LOTS OF INFORMATION IN EACH MESSAGE
> ----------------------------------
> No member of a list should now have an excuse for not knowing how to
> unsubscribe from the list. Each message contains information on how
to
> subscribe as well as unsubscribe. To unsubscribe, just send to the
unique
> address shown in your message.
>
>
> HOLD ON BOUNCED E-MAIL
> ----------------------
> When people's email addresses go bad (for instance, they change to
another
> Internet Service Provider) each email message sent to their old
address
> bounces back to lists.tapr.org. In the past, this was a huge
management
> issue for myself and a few other on the tapr list server. Lyris
will now
> analyze the bounces and determine who is causing them. If a member's
email
> address appears to be invalid for 5 days in a row, Lyris automatically
> disables that participant's membership on the system, so that
> lists.tapr.org no longer sends them mail.
>
> When a user is placed on hold, we will send the user an email message
> indicating that this has occurred, as well as a copy of the most
recent
> error message received. This notification message, if the user
receives it,
> can be very helpful to the user in determining why their email was
being
> rejected by their mail system.
>
> In such a case, send the "unhold" command to the List Server
address, and
> Lyris will return any "held" subscriptions back to "normal." The
format of
> the unhold command is:
>
>   email to: lyris@lists.tapr.org
>   subject: unhold
>
>
>
> 500K Message Limit on most open lists
> -------------------------------------
> We have implemented a 500K message size limit on the open lists. This
> should catch most of the huge posts that get made. If this limit
needs to
> be changed, the list manager can change the setting for that list.
>
>
>
> MESSAGE FILTER
> --------------
> Lyris looks for a lot of things in the message that might indicate
> something not meant to be sent to the list. Like the word TEST or
> UNSUBSCRIBE in the Subject line. If you send a message to the list
server
> that it thinks is a 'suspect' message and it isn't, just change the
word or
> line and please resubmit.
>
> While this might cause a problem now and then for the average user, it
> saves a lot of posting of messages that shouldn't be making it to
the list.
>
>
>

> CONCLUSION
> ----------
> Moving to a new list package has been on our upgrade to do list for
some
> time. Thanks to member support, TAPR has been able to make this
upgrade a
> reality. We feel that this new package will greatly help expand our
> capabilities while also reducing the amount of work that it took to
keep
> the previous list package running correctly.
>
> I am in the midst of developing a new web site along with several
other new
> items that should make using and getting information from the
TAPR.ORG site
> much easier.
>
> If you have any questions or comments, please feel free to drop me an
> e-mail message.
>
> To those members of TAPR on this list, please give yourself a big
pat on
> the back of supporting TAPR! For those of you that haven't joined
TAPR
> yet, consider this a friendly reminder that you should think about
joining
> in order to support future maintenance of things we do on the
Internet and
> the various technical projects that are always ongoing. TAPR is
only as
> strong as its membership.
>
>
> Cheers -- Greg Jones, WD5IVD
> President, TAPR
> -----
> Greg Jones, WD5IVD   Austin, Texas
> wd5ivd@tapr.org   http://www.tapr.org/~wd5ivd
>
>
>
> ---
> You are currently subscribed to htaprs as: ED_MULHOLLAND@YAHOO.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

_____
DO YOU YAHOO!?
Get your free @yahoo.com address at http://mail.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

266. [htaprs] Re: Power Plug

From: Tom Rutter <kf4hjx@home.com>
Date: Mon, 25 Jan 1999 08:51:55 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-581-1999.01.25-07.53.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have gooten Garmin plugs through PFrank. They were 2 sets for a
donation of 10 dollars. The page also has links to people who make up
cables using the PFrank plugs. Below is the web site for the plugs.

http://pfranc.com/projects/g45contr/g45_idx.htm

Tom

Rich Casey wrote:
>
> I've been using Radio Shack part 274-1571A power plugs and they are working
> great both on the shack 12V supply (for a quick charge) anda second wall
> wart. You see, I found that I could replace the connector on the charger for
> my Pocket Bearcat with the RS plug part and it will now charge either the
> data talkie or the Scanner (it just sticks out a tad in the scanner).

> BTW, could someone post the web page for the alternative vendor for the 4
> pin Garmin 12 connectors? Can't seem to locate it again.
>
> Rich
>
> ---------- \\ ------------------------
> Rich Casey   casey@acm.org
> Amateur Radio N5CSU
> Dallas Texas
> www.startext.net/homes/rcasey
>
> ---
> You are currently subscribed to htaprs as: KF4HJX@HOME.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

267. [htaprs] RE: [HTAPRS:296] D7A Power plug

From: "Scott, John" <John.Scott@pcs.bls.com>
Date: Mon, 25 Jan 1999 09:08:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-584-1999.01.25-08.06.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One solution to the plug-in power problem is to just buy the AA battery
holder, solder in any type of power-cord you want and maybe add a voltage
regulator. Depending on how you attach the power cable, you may be able to
still use it for AA power as well. It costs about $17.

-John Scott
kd4vhg@radio.org

> ----------
> From: Larry P. Thomas WA0GWA[SMTP:lpthomas@krell.com]
> Reply To: lpthomas@krell.com
> Sent: Saturday, January 23, 1999 3:07 PM
> To: htaprs@tapr.org
> Subject: [HTAPRS:296] D7A Power plug
>
> The power plug on the wall-wart that comes with the D7A looks to be a
> standard 3.5 mm type plug. Upon closer examination there is a ridge in
> the
> barrel about a mm or 2 from the end. This seems to aid in causing the
> plug
> to snap in and stay put. The OEM plug is also fairly blunt on the end.
> The only power plugs I can locate seem to have more taper to them and are
> smooth all the way to the end. I hate to use something that has a
> tendency
> to come out when the unit is under power. The current this plug is asked
> to handle under 5.5 watt transmit is not a current I'd like to disconnect
> at this plug. The jack on the D7A has to be fairly complex and delicate
> since a switch is involved to switch the charge circuitry internally.
>
> Has anyone found a good source for power plugs with this groove near the
> end of the plug.
>
> Later
> Larry
>
> --
> Larry P. Thomas   wa0gwa voice : 1 913 888-0282
> Krell Technologies   fax : 1 913 782-9359
> 8960 Bond   pager : 1 816 989-HELP
> Overland Park, KS   www.krell.com
> 66214-1722   USA   lpthomas@krell.com
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

268. [htaprs] Re: [HTAPRS:300] 2meter APRS & 2meter voice mobile installation question

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Mon, 25 Jan 99 10:31:20 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org

Message-ID: <LYR845-629-1999.01.25-09.31.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Consider a Kenwood TM-V7A mobile rig; It has the same "other VFO" carrier sense holdoff for the packet side as the TH-D7. This way you prevent voice desense at least since packet transmissions hold off while voice squelch is open. So you can run 2m voice and packet simultaneously and not lose those important voice calls....

73 de Alan N2YGK

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

269. [htaprs] TH D7A? BUY IT

From: "Kevin Kelly" <kkelly@radix.net>
Date: Mon, 25 Jan 1999 11:15:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-647-1999.01.25-10.12.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings SIG

I can honestly say that the D7A is the most feature packed HT I've ever owned. It has features that support my interests of today, like APRS, Repeaters, Packet, and AM Air Band monitoring, but perhaps more importantly, it has features that will be there for my future interests. Like SSTV, Remote control of my HF and mobile Kenwood radios. In addition to all the features that can be viewed in the owners manual available at the Kenwood website, I find the unit extremely easy and intuitive to operate. The "cursor" key combined with the menu are especially appreciated. Battery like is exceptional. Unlike many of the small HT's on the market, The D7A has a battery that not only lets the HT transmit at full 5 watts, but it seems to last much longer than the 5 other HT's types I currently own.

Sure , I have a couple of issues with the D7A that I have voiced an opinion about, but they are small irritants compared to the wide range of extremely useful features the HT provides. How the Kenwood designers packed so much in that little machine is amazing. They are to be commended.

My recommendations is, Buy one. You will not be sorry.

73,
Kevin Kelly/N6QAB
kkelly@radix.net
http://www.qsl.net/n6qab

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

270. [htaprs] RE: TH D7A? BUY IT

From: "Scott, John" <John.Scott@pcs.bls.com>
Date: Mon, 25 Jan 1999 11:23:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-659-1999.01.25-10.21.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This has been a paid announcement.....   ;-)

> ----------
> From: Kevin Kelly[SMTP:kkelly@radix.net]
> Reply To: TAPR HT APRS Special Interest Group
> Sent: Monday, January 25, 1999 11:15 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] TH D7A? BUY IT
>
> Greetings SIG
>
> I can honestly say that the D7A is the most feature packed HT I've ever
> owned. It has features that support my interests of today, like APRS,
> Repeaters, Packet, and AM Air Band monitoring, but perhaps more
> importantly,
> it has features that will be there for my future interests. Like SSTV,
> Remote control of my HF and mobile Kenwood radios. In addition to all the
> features that can be viewed in the owners manual available at the Kenwood
> website, I find the unit extremely easy and intuitive to operate. The

> "cursor" key combined with the menu are especially appreciated. Battery
> like
> is exceptional. Unlike many of the small HT's on the market, The D7A has a
> battery that not only lets the HT transmit at full 5 watts, but it seems
> to
> last much longer than the 5 other HT's types I currently own.
>
> Sure , I have a couple of issues with the D7A that I have voiced an
> opinion
> about, but they are small irritants compared to the wide range of
> extremely
> useful features the HT provides. How the Kenwood designers packed so much
> in
> that little machine is amazing. They are to be commended.
>
> My recommendations is, Buy one. You will not be sorry.
>
> 73,
> Kevin Kelly/N6QAB
> kkelly@radix.net
> http://www.qsl.net/n6qab
>
>
> ---
> You are currently subscribed to htaprs as: JOHN.SCOTT@PCS.BLS.COM
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>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

271. [htaprs] RE: TH D7A? BUY IT

From: Alan Crosswell <n2ygk@weca.org>
Date: Mon, 25 Jan 99 12:06:25 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-671-1999.01.25-11.06.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>This has been a paid announcement.........   ;-)

I paid my $469. Love the radio.
73 de Alan N2YGK
PS: Haven't dropped mine yet.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

272. [htaprs] Re: [HTAPRS:300] 2meter APRS & 2meter voice mobile installation question

From: jtennant@sbccom.com (Jacob Tennant)
Date: Mon, 25 Jan 1999 12:59:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-691-1999.01.25-12.01.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Will look into it but from what I have heard about the price $499.95 from
AES, it sounds to rich for my wallet.

> From: Alan Crosswell <alan@watsun.cc.columbia.edu>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Cc: htaprs@tapr.org
> Subject: [htaprs] Re: [HTAPRS:300] 2meter APRS & 2meter voice mobile
installation   question
> Date: Monday, January 25, 1999 10:31 AM
>
> Consider a Kenwood TM-V7A mobile rig; It has the same "other VFO"
carrier
> sense holdoff for the packet side as the TH-D7. This way you prevent
voice
> desense at least since packet transmissions hold off while voice squelch
> is open. So you can run 2m voice and packet simultaneously and not lose
> those important voice calls....
>
> 73 de Alan N2YGK
>
> ---
> You are currently subscribed to htaprs as: JTENNANT@SBCCOM.COM

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---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

273. [htaprs] RE: TH D7A? BUY IT

From: "Kevin Kelly" <kkelly@Radix.Net>
Date: Mon, 25 Jan 1999 13:05:36 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-694-1999.01.25-12.03.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Must of missed my recent "Soapboxes" :>)

-----Original Message-----
From: bounce-htaprs-3764@lists.tapr.org
[mailto:bounce-htaprs-3764@lists.tapr.org]On Behalf Of Scott, John
Sent: Monday, January 25, 1999 11:24 AM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] RE: TH D7A? BUY IT

This has been a paid announcement.....   ;-)

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274. [htaprs] pocketAPRS and the D7A

From: "Mark A. Keiser" <mkeiser@isi.com>
Date: Mon, 25 Jan 1999 10:19:31 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-702-1999.01.25-12.27.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm not certain if I misread a posting or not, but I thought the latest version
of pocketAPRS would accept GPS position strings into APRS when the D7A is
running in packet mode. In any event, my D7A doesn't do this. Am I
misunderstanding something, or do I have the D7A misprogrammed?

Help is appreciated.

Mark - N4OGL

Mark A. Keiser (mkeiser@isi.com)
Corporate Contracts, Integrated Systems, Inc.
201 Moffett Park Drive, Sunnyvale, California 94089
Voice: 408-542-1549   Fax: 408-542-1950

See us on the Worldwide Web: http://www.isi.com

275. [htaprs] RE: TH D7A? BUY IT

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Mon, 25 Jan 1999 12:02:33 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-710-1999.01.25-13.02.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been compiling a list of prices that people paid for this D7A. The
lowest price reported to me was $429 at Associated Radio
(www.associatedradio.com). This list included HRO, Gateway, AES, and
associated. I have no knowledge of the service level of Associated, so this
is purely informational.

Tom
-----Original Message-----
From: Alan Crosswell <n2ygk@weca.org>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Monday, January 25, 1999 10:07 AM
Subject: [htaprs] RE: TH D7A? BUY IT

>>This has been a paid announcement.....   ;-)
>
>I paid my $469. Love the radio.
>73 de Alan N2YGK
>PS: Haven't dropped mine yet.
>
>---
>You are currently subscribed to htaprs as: TOMS@INCONNECT.COM
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>

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276. [htaprs] RE: [HTAPRS:294] Ouch! Be very careful with the encoder knob...

From: Paul Middleton <paulem@ix.netcom.com>
Date: Mon, 25 Jan 1999 12:05:35 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-731-1999.01.25-14.08.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The encoder knob is the same knob that Kenwood has used with radios for
years on such successful radios as the TH-78A, TH-79A, TH-G71A, Kenwood
uses brass for a high quality feel instead of less expensive metal like some
of our competition do, please do not think we have "cheapened" our products.
Remember Kenwood is the ONLY Amateur radio manufacturer that is ISO 9001 and
JQA-1205 certified for quality.

Sorry to hear that happened to your new radio Tim ;-(But I'm kinda like
you, I use the scroll key for almost everything.

Kenwood is now evaluating some of the software requests that have been made.
As a manufacturer, we want to make certain that we find and include as many
upgrades as possible to serve you at one time.

Kenwood
> -----Original Message-----
> From: Tim Russell [SMTP:timruss@home.com]
> Sent: Saturday, January 23, 1999 9:54 AM
> To: htaprs@tapr.org
> Subject: [HTAPRS:294] Ouch! Be very careful with the encoder knob...
>
> Just a note from someone who learned the hard way: be VERY careful with
> the
> encoder knob on top of the radio - the shaft it's on is extremely thin.
>
> Yesterday I had my D7 in a jacket hanging about 1.5 feet above a carpeted
> floor at work, with the antenna off, pointing down. A colleague
> accidentally knocked the jacket off the hook (my fault totally) and the
> radio fell that little bit.
>
> Snapped the encoder knob off quite cleanly. It's sitting on a shaft
> that's
> about a millimeter thick when it gets below the volume ring, so it's QUITE
> fragile.
>
> Luckily I haven't found anything other than convenience that the encoder
> is
> needed for, as the arrow pad can do everything it does. I'm going to wait
> a
> bit in the hopes that Kenwood does a firmware upgrade and I can get both
> done at once.
>
> So: be careful!
>
> Tim, N0ZHY
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

277. [htaprs] RE: [HTAPRS:294] Ouch! Be very careful with the encoder knob...

From: dave vanhorn <dvanhorn@cedar.net>
Date: Mon, 25 Jan 1999 15:41:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-744-1999.01.25-14.51.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Kenwood is now evaluating some of the software requests that have been made.
>As a manufacturer, we want to make certain that we find and include as many
>upgrades as possible to serve you at one time.

Have they addressed the issues described at:
http://www.cedar.net/users/dvanhorn/kenwood.html
?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

278. [htaprs] Re: Was "Ouch!" Thanks Kenwood

From: Kevin Kelly <kkelly@Radix.Net>
Date: Mon, 25 Jan 1999 17:09:04 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-761-1999.01.25-16.08.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Kenwood,

Paul, thanks for the attention to D7A software request. That is the kind
of customer responsiveness that keeps me buying Kenwood products. Look
forward to the upgrades.

73,
Kevin Kelly/N6QAB

Paul Middleton wrote:
>
>
> Kenwood is now evaluating some of the software requests that have been made.
> As a manufacturer, we want to make certain that we find and include as many
> upgrades as possible to serve you at one time.
>
> Kenwood

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

279. [htaprs] RE: [HTAPRS:294] Ouch! Be very careful with the encoder knob...

From: "Tim Russell" <timruss@home.com>
Date: Mon, 25 Jan 1999 23:16:04 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-878-1999.01.25-23.16.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Paul, didn't mean to imply that it was cheaply made, just that it was
fairly thin and obviously can be broken, and wanted to let others know. I'm
glad the controls are duplicated so it wasn't a show-stopper, the radio
still works fine.

I'm still extremely impressed with my D7 and glad I bought it, to be sure.
I think it was well worth the money and is definitely on the "bleeding
edge". A firmware upgrade in a little while after a few more "features"
come to light would be a great thing, and I'd be willing to pay some for
that as well as to fix my little break.

Take care and keep up the good work!

Tim

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

280. [htaprs] Encoder Replacement - Green Jumper - Power Jack

From: rwf <rwf@BSRG.org>
Date: Tue, 26 Jan 1999 00:41:24 -0600

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-885-1999.01.25-23.39.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you do break it, you'll be glad to know that the encoder is mounted on a small plug-in PC board of its own. Looks like it is a 30 second replacement job once the radio is open.

And by the way- what is that green jumper for in the radio. Sure is suspicious the way it sticks out like that. Almost like it is begging to be cut.

And by the way- the dead Kenwood D7 is now alive again. The switch built in to the DC input jack had malfunctioned and cut off battery power but would still allow external power. Thanks to bobj K1KAS for his suggestion!

Ralph

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

281. [htaprs] Battery voltage indicator

From: "Ed Braaten" <ekb@sprynet.com>
Date: Tue, 26 Jan 1999 06:55:14 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1207-1999.01.26-08.56.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a battery voltage indicator buried among the features of the D7?
If not, is this feature on the list of items for a future release?

Being used to the battery voltage indicator on my other handhelds, I'm finding it a bit frustrating to try and guess what state the battery is in on my D7. (Testing with an external tester isn't a nice option either...)

Ed Braaten, K6EKB
http://home.sprynet.com/sprynet/ekb/
mailto:ekb@sprynet.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

282. [htaprs] Re: Battery voltage indicator

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Tue, 26 Jan 99 10:40:45 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1219-1999.01.26-09.41.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Is there a battery voltage indicator buried among the features of the D7?
> If not, is this feature on the list of items for a future release?
>
> Being used to the battery voltage indicator on my other handhelds, I'm
> finding it a bit frustrating to try and guess what state the battery is in
> on my D7. (Testing with an external tester isn't a nice option either...)
>
> -----
> Ed Braaten, K6EKB
> http://home.sprynet.com/sprynet/ekb/
> mailto:ekb@sprynet.com
>
>
>
> ---
> You are currently subscribed to htaprs as: N2YGK@WECA.ORG
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

Battery voltage is indicated when you transmit by how many bars display.
Read it in the manual. As you know, NiCD battery voltage curves look
kind of like this:

```
-------------------+
                   |
                   |
                   |
```

So knowing the battery voltage doesn't help all that much.
/a

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

283. [htaprs] Re: Associated Radio

From: "Tim Russell" <timruss@home.com>
Date: Tue, 26 Jan 1999 17:04:13 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1334-1999.01.26-17.04.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I have no knowledge of the service level of Associated, so this
>is purely informational.

   I got my TH-D7 from Associated Radio and can vouch for them - great guys!
I stop in at their shop whenever I'm in the KC area. I ordered my D7 from
them the minute they told me they were in and got it in 24 hours via UPS
Ground (I'm in Omaha).

Tim, N0ZHY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

284. [htaprs] APRS version and palmtop computers?

From: jtennant@sbccom.com (Jacob Tennant)
Date: Tue, 26 Jan 1999 20:17:27 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1395-1999.01.26-19.19.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am looking for information as to which palmtop computers will run what
versions of APRS other than the PalmPilot3 which I am already saving up
for.

I have seen many palmtops that are running WindowsCE and have no idea if
APRS will run on that platform.

73's Jacob Tennant

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

285. [htaprs] Eagle Explorer and D7A

From: "Andy" <andy@transport.com>
Date: Tue, 26 Jan 1999 22:57:01 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1487-1999.01.27-00.53.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone out there used a D7A and an Eagle Explorer GPS together yet. What are the correct setting for the NMEA output on the Eagle? I have not found the correct combination yet.

286. [htaprs] Encoder Replacement - Green Jumper - Power Jack

From: Barrie Jenkins <barriejenkins@compuserve.com>
Date: Wed, 27 Jan 1999 07:38:00 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1522-1999.01.27-06.38.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the '7E' at least, cutting the green wire expands the european version
to include airband RX and both extended VHF and UHF tx/rx coverage.

73 Barrie G4CZJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

287. [htaprs] Re: Eagle Explorer and D7A

From: "Terry Kealey" <tkealey@ieee.org>
Date: Wed, 27 Jan 1999 07:40:54 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1533-1999.01.27-07.41.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is how I set up my Explorer:

```
MENU
    SYSTEM SETUP
        NMEA/GPS CONFIG
            NMEA OUT - ON
        NMEA CONFIG
            NMEA 0183 - 2.0
            GLL - ON
            RMC/RMB - ON
```

Terry, KIØBF

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

288. [htaprs] Re: Green Jumper and other mod's

From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Wed, 27 Jan 1999 07:46:37 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1535-1999.01.27-07.46.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI, a recent magazine ... not QST ... possibly CQ VHF, CQ or 73 can't remember which and can't currently find issue, did a review of the D7A and discussed the mod's required. They involved the green wire and two SMT diodes on the main board. Even talked about the do's and don'ts in openning the unit up. Coverage after biggest mod went into 800 Mhz if my memory serves me right (something it does not always do!) I think if you remove the two diodes you are not supposed to cut the green wire so look up the article before getting out the cutters if you want to save redoing the jumper.

Later
Larry


```
-----------------------------------------------------
 Larry P. Thomas    wa0gwa  voice : 1 913 888-0282
 Krell Technologies           fax : 1 913 782-9359
 8960 Bond                  pager : 1 816 989-HELP
 Overland Park, KS              www.krell.com
 66214-1722    USA            lpthomas@krell.com
```

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

289. [htaprs] 118 MHz freq storage

From: "Kevin Kelly" <kkelly@radix.net>
Date: Wed, 27 Jan 1999 12:17:27 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1618-1999.01.27-11.14.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings SIG,

Here is a weird one I ran into while trying to store an Air Band frequency in my TH D7A. This is what I did.

I directly entered the frequency using the [ENT] button. Using the [F] key, I selected "F-6" then chose the AM option. I then stored a frequency of 123.7 AM in MR position 6 of Band "A". After that I was unable to select any other stored frequency in the MR mode. If I switched to VFO mode I could

change the displayed frequency with no problem. To remedy the situation, I
cleared memory channel #6 doing the [MR] + POWER ON [MR] routine. That
erased memory channel 6, however when I switched to the [MR] mode I was
still unable to step through the other stored frequencies (because 123.7 was
still displayed?). Switching to [VFO] mode, 123.7 was still displayed (which
was correct as I had not changed the freq there). I then pressed [ENT] and
entered 144.400 (or any other 2m freq I'll bet) into the VFO. Once I did
that, I was able to step through my stored channels with no problem.

Did I miss something? Anybody tried entering and saving a 118.000 freq in AM
on Band "A"? Any ideas?

Thanks
73,
Kevin Kelly/N6QAB
kkelly@radix.net
http://www.qsl.net/n6qab

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

290. [htaprs] Re: Green Jumper and other mod's

From: Walter Dunckel <wdunckel@best.com>
Date: Wed, 27 Jan 1999 10:19:06 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-1631-1999.01.27-12.28.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It sounds like you remember the article on the TH-G71. This is NOT the
same mod that is necessary for the TH-D7a. I have opened my D7a in
hopes of making the same mod as the TH-G71 (these models are somewhat
similar - same battery anyway) but there is a different diode bank
next to the green wire. I have cut my green wire for the Mars mod,
but don't have enough guts to go any further (without more info).
I hope the 800Mhz mod is available on the D7A.

Walter
KD6VYV

"Larry P. Thomas WA0GWA" wrote:
>
> FYI, a recent magazine ... not QST ... possibly CQ VHF, CQ or 73 can't
> remember which and can't currently find issue, did a review of the D7A and
> discussed the mod's required. They involved the green wire and two SMT
> diodes on the main board. Even talked about the do's and don'ts in
> openning the unit up. Coverage after biggest mod went into 800 Mhz if my
> memory serves me right (something it does not always do!) I think if you
> remove the two diodes you are not supposed to cut the green wire so look up
> the article before getting out the cutters if you want to save redoing the
> jumper.
>
> Later
> Larry
>
> --
> Larry P. Thomas   wa0gwa voice : 1 913 888-0282
> Krell Technologies   fax : 1 913 782-9359
> 8960 Bond   pager : 1 816 989-HELP
> Overland Park, KS   www.krell.com
> 66214-1722   USA   lpthomas@krell.com
>
> ---
> You are currently subscribed to htaprs as: wdunckel@best.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

291. [htaprs] Re: 118 MHz freq storage

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Wed, 27 Jan 1999 13:49:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1635-1999.01.27-12.50.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I replied to the wrong SIG... a big DUH! for me...

(See, I really AM tired. ;-)

73

     -Rob
      KZ5RW

Kevin,

Been there... done that... got the t-shirt. :-)

When you enter an Air Band freq. into a memory and display it, band A is
now switched to "Air Band Mode". You will only be able to display memories
in the Air Band range (118MHz-136MHz). If you hit F + Band, then you will
see your 2m memories (136MHz-174MHz). You can use F + Band to toggle back
and forth between the two modes. (This works for the VFO as well - there's
really two VFOs, one for 2m and one for the Air Band.)

This also works similarly for the B band, only you would be switching
between 440 and 2m frequencies.

Hope this helps. (and it's not too confusing... very tired... up too late
last night... zzzzzzzzzz...)

73

     -Rob
      KZ5RW

-----Original Message-----
From: Kevin Kelly <kkelly@radix.net>
>
>Did I miss something? Anybody tried entering and saving a 118.000 freq in
AM
>on Band "A"? Any ideas?
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

292. [htaprs] Re: Green Jumper and other mod's

From: bobj <bobj@mediaone.net>
Date: Wed, 27 Jan 1999 14:00:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-1637-1999.01.27-13.04.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If anyone finds this and tries it please post the details to the group..

"Larry P. Thomas WA0GWA" wrote:

> FYI, a recent magazine ... not QST ... possibly CQ VHF, CQ or 73 can't
> remember which and can't currently find issue, did a review of the D7A and
> discussed the mod's required. They involved the green wire and two SMT
> diodes on the main board. Even talked about the do's and don'ts in
> openning the unit up. Coverage after biggest mod went into 800 Mhz if my
> memory serves me right (something it does not always do!) I think if you
> remove the two diodes you are not supposed to cut the green wire so look up
> the article before getting out the cutters if you want to save redoing the
> jumper.
>
> Later
> Larry
>
> --
> Larry P. Thomas   wa0gwa voice : 1 913 888-0282
> Krell Technologies   fax : 1 913 782-9359
> 8960 Bond   pager : 1 816 989-HELP
> Overland Park, KS   www.krell.com
> 66214-1722   USA   lpthomas@krell.com

>
> ---
> You are currently subscribed to htaprs as: BOBJ@MEDIAONE.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

293. [htaprs] That "Green Wire"

From: "Mark A. Keiser" <mkeiser@isi.com>
Date: Wed, 27 Jan 1999 11:15:27 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1647-1999.01.27-14.23.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Okay - after three emails, I am confused. Is the green wire the MARS mod, or
is that on the G71? I know that the diodes are involved for 800 Mhz, but I
lost track of where the green wire is (i.e. which radio).

Mark A. Keiser (mkeiser@isi.com)
Corporate Contracts, Integrated Systems, Inc.
201 Moffett Park Drive, Sunnyvale, California 94089
Voice: 408-542-1549   Fax: 408-542-1950

See us on the Worldwide Web: http://www.isi.com

294. [htaprs] Re: That "Green Wire"

From: "<Walter> <Dunckel>" <wdunckel@best.com>
Date: Wed, 27 Jan 1999 21:21:34
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1759-1999.01.27-21.21.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry, I wasn't very clear.

The green wire on BOTH radios is for the Mars modification.

On the TH-D7a I have noticed the following changes after cutting
my green wire.

TX frequencies of 142.000 to 151.995 are possible
TX frequencies of 420.000 to 449.995 are possible
(side note: all stored freqs in memory & settings will be lost
when the radio is turned on)

A magazine article in Oct 98 CQ described modifications of the TH-G71
radio. These modifications do not apply to the TH-D7a - other
than clipping the green wire extends transmit range. (The innards of
these radios is, unfortunately, very different).

>From the description of the modification to the TH-G71, I am guessing
that the modification to open up the radio even more will involve
removing a few of the 4 diodes near the green wire on the TH-D7a.

Hope this helps,

Walter

On 01/27/99, ""Mark A. Keiser" <mkeiser@isi.com>" wrote:
> --=====================_2380317==_.ALT
> Content-Type: text/plain; charset="us-ascii"
>
> Okay - after three emails, I am confused. Is the green wire the MARS mod, or
> is that on the G71? I know that the diodes are involved for 800 Mhz, but I
> lost track of where the green wire is (i.e. which radio).
>
>
>
> Mark A. Keiser (mkeiser@isi.com)
> Corporate Contracts, Integrated Systems, Inc.
> 201 Moffett Park Drive, Sunnyvale, California 94089
> Voice: 408-542-1549   Fax: 408-542-1950
>
> See us on the Worldwide Web: http://www.isi.com
> --=====================_2380317==_.ALT

> Content-Type: text/html; charset="us-ascii"
>
> <html>Okay - after three emails, I am confused. Is the green wire
> the MARS mod, or is that on the G71? I know that the diodes are
> involved for 800 Mhz, but I lost track of where the green wire is (i.e.
> which radio).
>
>
>
>
>
> Mark A. Keiser (mkeiser@isi.com)
> Corporate Contracts, Integrated Systems, Inc.
> 201 Moffett Park Drive, Sunnyvale, California 94089
> Voice: 408-542-1549   Fax: 408-542-1950
>
> See us on the Worldwide
> Web:
> http://www.isi.com
> </html>
>
> --=====================_2380317==_.ALT--

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

295. [htaprs] GPWPL compatibility

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Thu, 28 Jan 1999 13:01:57 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1858-1999.01.28-15.03.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

N6QAB has an excellent page on GPS compatibility
at(http://www.qsl.net/n6qab/n6qabgps.htm).

However, that page doesn't seem to address GPWPL sentence compatibility (you know, for the TH-D7A feature that sends waypoint strings back to the GPS receiver). Does anybody have a list of GPSs that accept GPWPL? I'm guessing only a handful of Garmins do.

Second question: I don't have my GPS III Plus yet so this is directed to GPS III/ TH-D7A owners who have experimented with the waypoint string feature: When you are tracking a MOVING contact, and as the contact's waypoint strings are intermittently sent to the GPS III, is the old waypoint erased and does the new position generate an updated waypoint, OR does the screen just get clogged up with successive generations of waypoints from the same contact?

Thank you very much,
Russ Brown, KB6LUD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

296. [htaprs] Re: GPWPL compatibility

From: "bob" <w2g3zfj@unix.asb.com>
Date: Thu, 28 Jan 1999 16:57:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1860-1999.01.28-15.58.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The screen gets updated so you only have one waypoint. Works very well in fact.

73 de bob

>Second question: I don't have my GPS III Plus yet so this is directed to
>GPS III/ TH-D7A owners who have experimented with the waypoint string
>feature: When you are tracking a MOVING contact, and as the contact's
>waypoint strings are intermittently sent to the GPS III, is the old
waypoint
>erased and does the new position generate an updated waypoint, OR does the
>screen just get clogged up with successive generations of waypoints from

the
>same contact?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

297. [htaprs] Re: GPWPL compatibility

From: Kevin Kelly <kkelly@radix.net>
Date: Thu, 28 Jan 1999 20:46:22 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1886-1999.01.28-19.46.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings SIG

I would be glad to add the GPWPL sentence and related information to the
page. Can someone drop me an email with the GPWPL data sentence of the
GPS receiver, name of the unit, and whether it works with the D7A.
Unfortunately I don't have a GPS III.

73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

"Brown, Russell R" wrote:
>
> N6QAB has an excellent page on GPS compatibility
> at(http://www.qsl.net/n6qab/n6qabgps.htm).
>
> However, that page doesn't seem to address GPWPL sentence compatibility (you
> know, for the TH-D7A feature that sends waypoint strings back to the GPS
> receiver). Does anybody have a list of GPSs that accept GPWPL?
--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

298. [htaprs] Waypoints - GArmin 12 XL

From: Steve Prior <sprior@nfdc.net>
Date: Thu, 28 Jan 1999 20:59:10 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1890-1999.01.28-19.58.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the 12XL and found much to my surprise that the APRS stations
were
logged
as waypoints!
Pretty neat. Found that the Baltimore stations were logging ok but YorK
County
only one KE3XY-2 has appeared on the Garmin. It appears that the one
logging is
stored once as a waypoint.

Brown, Russell R wrote:

> N6QAB has an excellent page on GPS compatibility
> at(http://www.qsl.net/n6qab/n6qabgps.htm).
>
> However, that page doesn't seem to address GPWPL sentence
compatibility
(you
> know, for the TH-D7A feature that sends waypoint strings back to the
GPS
> receiver). Does anybody have a list of GPSs that accept GPWPL? I'm
> guessing only a handful of Garmins do.
>
> Second question: I don't have my GPS III Plus yet so this is directed
to
> GPS III/ TH-D7A owners who have experimented with the waypoint string
> feature: When you are tracking a MOVING contact, and as the contact's

> waypoint strings are intermittently sent to the GPS III, is the old
waypoint
> erased and does the new position generate an updated waypoint, OR does

the
> screen just get clogged up with successive generations of waypoints
from
the
> same contact?
>
> Thank you very much,
> Russ Brown, KB6LUD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

299. [htaprs] GPWPL sentence

From: Steve Prior <sprior@nfdc.net>
Date: Thu, 28 Jan 1999 21:42:37 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-1896-1999.01.28-20.41.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Garmin 12 XL sends these strings
73
Steve
N3UYI

Kevin Kelly wrote:

> Greetings SIG
>
> I would be glad to add the GPWPL sentence and related information to the
> page. Can someone drop me an email with the GPWPL data sentence of the
> GPS receiver, name of the unit, and whether it works with the D7A.
> Unfortunately I don't have a GPS III.
>
> 73,
> Kevin Kelly/N6QAB
> http://www.qsl.net/n6qab
>
> "Brown, Russell R" wrote:
> >
> > N6QAB has an excellent page on GPS compatibility
> > at(http://www.qsl.net/n6qab/n6qabgps.htm).
> >
> > However, that page doesn't seem to address GPWPL sentence compatibility (you
> > know, for the TH-D7A feature that sends waypoint strings back to the GPS
> > receiver). Does anybody have a list of GPSs that accept GPWPL?
> --
> 73,
> Kevin Kelly/N6QAB
> http://www.qsl.net/n6qab
>
> ---
> You are currently subscribed to htaprs as: SPRIOR@NFDC.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

300. [htaprs] TH D7A 9600 Dayton

From: "Kevin Kelly" <kkelly@radix.net>
Date: Fri, 29 Jan 1999 09:20:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2155-1999.01.29-08.17.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings SIG

With all the APRS TH D7A users that will hopefully be at the 1999
Hamvention, is there any benefit to using 9600 baud? (Providing the software

to program that speed is available.)

73,
Kevin Kelly/N6QAB
kkelly@radix.net
http://www.qsl.net/n6qab

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

301. [htaprs] Re: TH D7A 9600 Dayton

From: dave vanhorn <dvanhorn@cedar.net>
Date: Fri, 29 Jan 1999 09:17:43 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2163-1999.01.29-08.27.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:20 AM 1/29/99 -0500, Kevin Kelly wrote:
>Greetings SIG
>
>With all the APRS TH D7A users that will hopefully be at the 1999
>Hamvention, is there any benefit to using 9600 baud? (Providing the software
>to program that speed is available.)

The existing radio will only do APRS at 1200, but it could be VERY
interesting if the option were "magic-wanded" into the units at the show.
We'd sure get some immediate experience with 9600.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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302. [htaprs] Re: TH D7A 9600 Dayton

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Fri, 29 Jan 99 10:15:05 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2177-1999.01.29-09.15.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Greetings SIG
>
> With all the APRS TH D7A users that will hopefully be at the 1999
> Hamvention, is there any benefit to using 9600 baud? (Providing the software
> to program that speed is available.)
>
> 73,
> Kevin Kelly/N6QAB
> kkelly@radix.net
> http://www.qsl.net/n6qab
>
>
> ---
> You are currently subscribed to htaprs as: N2YGK@WECA.ORG
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

The D7 will not run in Mic-E mode at 9600. The feature to select Mic-E
baud rate is simply missing.

73 de Alan N2YGK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

303. [htaprs] some items for the enhancements/bugs lists

From: Alan Crosswell <n2ygk@weca.org>
Date: Fri, 29 Jan 99 10:22:11 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2181-1999.01.29-09.22.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think I sent this to Dave but it hasn't appeared on his web page
yet....

73 de Alan N2YGK

A few items for the enhancements list:

- Choice of 1200/9600 baud for Mic-E mode. Right now, Mic-E mode only works at 1200.

- NVRAM for the TNC settings. Right now, all TNC settings are set to the factory reset default each time the TNC is turned on. This is incompatible with the features of a generic TNC2 which saves these settings in BBRAM.

  This means all those configurations have to be stuffed down the PC serial port again. This makes this otherwise highly portable TNC unusable for configurations that don't have a controlling computer attached. Here are a few illustrative examples of potential uses if the TNC settings would survive a powercycle:
   - GPS passthrough
   - WX station
   - Any 9600 baud operation (HBAUD resets to 1200)
   - remote printer (e.g. for certain public service events my group has discussed putting a printer,tnc,radio at the family reunion areas for each group of letters (A-C, D-F, etc) to print out the status of dropouts, etc. A laptop computer is not needed for this application as the PC at net control is just remotely connecting to these printers).

And, for the bugs list:

- The TNC is not fully documented by the user manual. Specifically, KISS mode exists but it is not clear how the issue of inband XON/XOFF flow control works in conjunction with KISS which typically requires RTS/CTS flow control since XON and XOFF are valid data characters for KISS.

  Another example of undocumented commands is the PORTO command that we've all seen "stuffed" into the TNC's command buffer at TNC power-up.

- The relationship of the power-in jack to the battery pack is also not satisfactorily documented in the user manual. We know that the low-current wall-wart that comes with the rig trickle charges the battery pack. We have heard from some users that a high-current source charges the battery. We have heard conflicting views from users on whether the battery charging only happens when the rig is turned off or on. Questions exist regarding the control and "quality" of the NiCD charge using the power-in jack. In other words, am I cooking the NiCD pack by leaving the rig plugged into the cigarette lighter when I'm not using it? Yes, some have measured the voltages and otherwise tried to reverse engineer what is happening, but this is simply something that Kenwood needs to document better.

- A schedule on when the known bugs are expected to be fixed and how current D7 owners can get their warranty-covered repairs implemented is needed. I am thinking specifically of the GPS parsing error. BTW, one GPS I am working with gives 6 digits of decimal minutes: $GPGLL,4048.560764,N,07357.609894,W,165903.00,A*1C (an Ashtech GG-Surveyor GPS+GLONASS). Now I don't expect the APRS protocol to represent this accuracy, but I do expect the D7 parser to successfully read these valid NMEA-0183 reports!

Might I suggest that as a TH-D7 user group we establish a process and deadline for cleaning up and presenting the accumulated bug/enhancement information to Kenwood and working with Kenwood to come up with a schedule for accept/reject/scheduled availability decisions?

Respectfully submitted,

Alan Crosswell, N2YGK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

304. [htaprs] Re: htaprs digest: January 28, 1999 Subject: GPWPL compatibi

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Fri, 29 Jan 1999 08:36:17 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2200-1999.01.29-10.38.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't have a GPS III, but a GPS II. The most recent location is
stored, I believe. (For sure only one is stored, and I think the new
ones are replacing old ones. What makes it a little hard to tell is
that most times there's nothing within my view of the world that's
moving. Most of the alleged mobiles don't move from day to day, let
alone every few minutes. And more than a couple of them are are 0.000
N 0.000 E.) Waypoints have names, and there can't be more than one of
the same name stored.

Neil KE6NCX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

305. [htaprs] Re: htaprs digest: January 29, 1999

From: "Steve Sampson" <ssampson@usa-site.net>
Date: Sat, 30 Jan 1999 07:31:26 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2368-1999.01.30-07.33.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's pretty funny.

What's even funnier is that they show the modulator as being
a reactance type. Not a true FM. Therefore I doubt it will do
9600 at all.

-----Original Message-----

>The existing radio will only do APRS at 1200, but it could be VERY
>interesting if the option were "magic-wanded" into the units at the show.
>We'd sure get some immediate experience with 9600.

>The D7 will not run in Mic-E mode at 9600. The feature to select Mic-E
>baud rate is simply missing.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

306. [htaprs] Re: [HTAPRS:308] TNC - PC connection problems

From: BA Merrill <bmerrill@linkline.com>
Date: Sat, 30 Jan 1999 09:57:11 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-2400-1999.01.30-12.00.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got my radio for xmas and HRO sold us the wrong cable (was one for GPS
unit not PC). Took it back and they swapped it for a soft case (Kanagaroo
pouch with no side access to connectors--basically can't use radio unless
removed but ok for protection while I carry it in my purse or on my side).
Husband and son built me a cable and when I tried it out it didn't work.
Didn't get the handshake acknowledgement and it locks up my keyboard. I'm
using an IBM laptop with Procomm and Easyterm software. The boys buzzed the
cable and it's wired correctly. Then they noticed that the wiring diagram
on page 53 is incorrect. It states that tip is TXD, center is RXD and base
is GND on the diagram but the shaded list says 1(tip) is RXD, 2(center) is
TXD and base is GND. Is there a problem here? They are going to swap the
pin connections and see if it makes any difference.

BettyAnn

Steve Prior wrote:

> I have been working on getting the TNC - packet and the PC communicating
> with no sucess. The connections to the best of my understanding are now
> as follows:
>

> Radio Jack   PC Pin #
> tip -TXD   #2   RXD
> middle section- RXD   #3 - TXD
> GND   #5 - GND
>
> Tested with meter everything looks ok/
>
> I am using PACTERM software and found that after I had the KPC3
> connected and pulled out the connector and reinserted the new connector
> (THD-7) and started the radio this message showed up on the screen.
>
> TASCO radio modem
> AX.25 level 2 version 2.0
> release 08/18/98 2Chip ver 1.0
> checksum $f0
> cmd:my n3UYI-7
> mycall was nocall
> cmd: porto $0020
> portout was $0000
>
> This must be the KW - I use N3UYI-7 for the radio.
>
> The PC and TNC do not talk and the computer freezes up.
>
> Any help would be appreciated!
> 73
> Steve
> N3UYI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

307. [htaprs] Re: [HTAPRS:308] TNC - PC connection problems

From: Ron Reeves <ron.reeves@worldnet.att.net>
Date: Sat, 30 Jan 1999 10:29:57 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2406-1999.01.30-12.33.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

BettyAnn,

The diagram in the book is wrong. The one for HT to PC should read, Pin 5
GND, Pin 3 RXD, Pin 2 TXD. In other words, Tip to 2, Center to 3, and base
to 5.

Try this.

Ron
N7QXO.

At 09:57 AM 1/30/99 -0800, you wrote:
>I got my radio for xmas and HRO sold us the wrong cable (was one for GPS
>unit not PC). Took it back and they swapped it for a soft case (Kanagaroo
>pouch with no side access to connectors--basically can't use radio unless
>removed but ok for protection while I carry it in my purse or on my side).
>Husband and son built me a cable and when I tried it out it didn't work.
>Didn't get the handshake acknowledgement and it locks up my keyboard. I'm
>using an IBM laptop with Procomm and Easyterm software. The boys buzzed the
>cable and it's wired correctly. Then they noticed that the wiring diagram
>on page 53 is incorrect. It states that tip is TXD, center is RXD and base
>is GND on the diagram but the shaded list says 1(tip) is RXD, 2(center) is
>TXD and base is GND. Is there a problem here? They are going to swap the
>pin connections and see if it makes any difference.
>
>BettyAnn
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

308. [htaprs] Re: htaprs digest: January 29, 1999

From: dave vanhorn <dvanhorn@cedar.net>
Date: Sat, 30 Jan 1999 13:30:10 -0500

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2408-1999.01.30-12.40.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:31 AM 1/30/99 -0600, Steve Sampson wrote:
>That's pretty funny.
>
>What's even funnier is that they show the modulator as being
>a reactance type. Not a true FM. Therefore I doubt it will do
>9600 at all.

I have plenty of input from people that have used it at 9600, so I see no
reason why this can't work.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

309. [htaprs] Re: [HTAPRS:308] TNC - PC connection problems

From: Ken Bass <Ken@bassandco.com>
Date: Sat, 30 Jan 1999 14:24:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-2418-1999.01.30-13.22.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually, the diagram in the book is right, it's just *very* confusing. Note
that there are * footnotes that "explain" how to connect to a PC and also note
that the pinouts in the book for the DB9 are marked as if it were a PC
connector. Thus the TX lead from the plug goes to the RX pin on the DB9, etc.

Ain't real clear, but I do believe it's right.

ken
K4EVH

Ron Reeves wrote:

> BettyAnn,
>
> The diagram in the book is wrong. The one for HT to PC should read, Pin 5
> GND, Pin 3 RXD, Pin 2 TXD. In other words, Tip to 2, Center to 3, and base
> to 5.
>
> Try this.
>
> Ron
> N7QXO.
>
> At 09:57 AM 1/30/99 -0800, you wrote:
> >I got my radio for xmas and HRO sold us the wrong cable (was one for GPS
> >unit not PC). Took it back and they swapped it for a soft case (Kanagaroo
> >pouch with no side access to connectors--basically can't use radio unless
> >removed but ok for protection while I carry it in my purse or on my side).
> >Husband and son built me a cable and when I tried it out it didn't work.
> >Didn't get the handshake acknowledgement and it locks up my keyboard. I'm
> >using an IBM laptop with Procomm and Easyterm software. The boys buzzed the
> >cable and it's wired correctly. Then they noticed that the wiring diagram
> >on page 53 is incorrect. It states that tip is TXD, center is RXD and base
> >is GND on the diagram but the shaded list says 1(tip) is RXD, 2(center) is
> >TXD and base is GND. Is there a problem here? They are going to swap the
> >pin connections and see if it makes any difference.
> >
> >BettyAnn
> >
>
> ---
> You are currently subscribed to htaprs as: KEN@BASSANDCO.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
[Attachment: vcard.vcf; text/x-vcard; 297 bytes]

310. [htaprs] HT Fanny Pack

From: "Rich Casey" <casey@acm.org>
Date: Sun, 31 Jan 1999 22:40:36 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-2723-1999.01.31-22.43.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Next time you're at Radio Shack, check out the Communications Belt fanny
pack for $15. It fits the data-talkie to a tee, and there's room for the GPS
and other stuff too. Very handy on a hike or bike ride!
Rich
n5csu-7
----------- \\ -------------------------
Rich Casey   casey@acm.org
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

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February 1999

Original source file: htaprs.9902
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9902

1. [htaprs] Re: Waypoints - GArmin 12 XL

From: Randy Hammock <hammock@sierra.jpl.nasa.gov>
Date: Mon, 01 Feb 1999 14:26:40 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2853-1999.02.01-16.27.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Steve Prior wrote:
>
> I have the 12XL and found much to my surprise that the APRS stations
> were logged as waypoints!
> Pretty neat. Found that the Baltimore stations were logging ok but YorK
> County only one KE3XY-2 has appeared on the Garmin. It appears that the one
> logging is stored once as a waypoint.

Each station only gets logged as a waypoint once; however, the position
data for the way point is changed; therefore, as a mobile station moves,
you will see the waypoint move on the screen.

--
Randy Hammock KC6HUR | Jet Propulsion Laboratory
mailto:Randy.Hammock@jpl.nasa.gov | M/S: 301-270
 Voice: +1-818-354-0628 | 4800 Oak Grove Drive
  | PASADENA CA 91109

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

2. [htaprs] Re: Waypoints - GArmin 12 XL

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Mon, 1 Feb 1999 18:23:17 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2866-1999.02.01-17.24.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When this happens does it ever overwrite my existing waypoints?

Wes
Email: kd4rdb@usa.net
Pager: kd4rdbpager@usa.net
APRS: http://www.qsl.net/kd4rdb/aprs.htm
My Location: http://map.aprs.net/kd4rdb-9
-----Original Message-----
From: Randy Hammock <hammock@sierra.jpl.nasa.gov>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Monday, February 01, 1999 5:26 PM
Subject: [htaprs] Re: Waypoints - GArmin 12 XL

>Steve Prior wrote:
>>
>> I have the 12XL and found much to my surprise that the APRS stations
>> were logged as waypoints!
>> Pretty neat. Found that the Baltimore stations were logging ok but YorK
>> County only one KE3XY-2 has appeared on the Garmin. It appears that the
one
>> logging is stored once as a waypoint.
>
>Each station only gets logged as a waypoint once; however, the position
>data for the way point is changed; therefore, as a mobile station moves,
>you will see the waypoint move on the screen.
>
>--
>Randy Hammock KC6HUR | Jet Propulsion Laboratory
>mailto:Randy.Hammock@jpl.nasa.gov | M/S: 301-270
> Voice: +1-818-354-0628 | 4800 Oak Grove Drive
> | PASADENA CA 91109
>
>---
>You are currently subscribed to htaprs as: KD4RDB@BELLSOUTH.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] Re: Green Jumper and other mod's (fwd)

From: KSchmidt@t-online.de (Karl Schmidt)
Date: Tue, 2 Feb 1999 10:00:14 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2962-1999.02.02-03.04.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I really would appreciate it if someone finds that D7 review,
scan it (maybe with OCR) and publisize it on this list.
Thanks and 73, de Karl (DK5EC)

Larry P. Thomas WA0GWA schrieb:
> FYI, a recent magazine ... not QST ... possibly CQ VHF, CQ or 73 can't
> remember which and can't currently find issue, did a review of the D7A and
> discussed the mod's required. They involved the green wire and two SMT
> diodes on the main board. Even talked about the do's and don'ts in
> openning the unit up. Coverage after biggest mod went into 800 Mhz if my
> memory serves me right (something it does not always do!) I think if you
> remove the two diodes you are not supposed to cut the green wire so look up
> the article before getting out the cutters if you want to save redoing the
> jumper.
>
> Later
> Larry
>
> --
> Larry P. Thomas   wa0gwa voice : 1 913 888-0282
> Krell Technologies   fax : 1 913 782-9359
> 8960 Bond   pager : 1 816 989-HELP
> Overland Park, KS   www.krell.com
> 66214-1722   USA   lpthomas@krell.com
>
>
> ---
> You are currently subscribed to htaprs as: KSCHMIDT@T-ONLINE.DE
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

DaimlerChrysler Aerospace VCSF3
Karl Schmidt
Tel: +49 2244 8706-40   Fax: +49 2244 8706-41
email: kschmidt@t-online.de   packet radio: DK5EC@DB0MKA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] software update anytime soon?

From: KSchmidt@t-online.de (Karl Schmidt)
Date: Tue, 2 Feb 1999 10:00:16 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2964-1999.02.02-03.05.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
I tried to buy a TH-D7E in Germany, no success!
I called a couple of dealers, and none of them had it in store,
and a rather long waiting list for potential customers.
They said, that Kenwood recalled all units still in store,
to load a new software version which also is DAMA capable.
Does anybody have more detailed information about a coming
software update?

73, de Karl

email: kschmidt@t-online.de   packet radio: DK5EC@DB0MKA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] Re: Green Jumper and other mod's (fwd)

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Tue, 2 Feb 1999 08:40:05 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2998-1999.02.02-08.41.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please do not post copyrighted material on the list without permission from the publisher.

Thank-you,

Stan, WA1LOU, HTAPRS list administrator

-----Original Message-----
From: KSchmidt@t-online.de [mailto:KSchmidt@t-online.de]
Sent: Tuesday, February 02, 1999 4:00 AM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: Green Jumper and other mod's (fwd)

I really would appreciate it if someone finds that D7 review,
scan it (maybe with OCR) and publisize it on this list.
Thanks and 73, de Karl (DK5EC)

Larry P. Thomas WA0GWA schrieb:
> FYI, a recent magazine ... not QST ... possibly CQ VHF, CQ or 73 can't
> remember which and can't currently find issue, did a review of the D7A and
> discussed the mod's required. They involved the green wire and two SMT
> diodes on the main board. Even talked about the do's and don'ts in
> openning the unit up. Coverage after biggest mod went into 800 Mhz if my
> memory serves me right (something it does not always do!) I think if you
> remove the two diodes you are not supposed to cut the green wire so look up
> the article before getting out the cutters if you want to save redoing the
> jumper.
>
> Later
> Larry
>
> --
> Larry P. Thomas   wa0gwa voice : 1 913 888-0282
> Krell Technologies   fax : 1 913 782-9359
> 8960 Bond   pager : 1 816 989-HELP
> Overland Park, KS   www.krell.com
> 66214-1722   USA   lpthomas@krell.com
>
>
> ---
> You are currently subscribed to htaprs as: KSCHMIDT@T-ONLINE.DE
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

DaimlerChrysler Aerospace VCSF3
Karl Schmidt
Tel: +49 2244 8706-40   Fax: +49 2244 8706-41
email: kschmidt@t-online.de   packet radio: DK5EC@DB0MKA

You are currently subscribed to htaprs as: STAN_HORZEPA@ADC.COM
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] Green Jumper Wire/ Modifications

From: Kenwood <cuyeda@ix.netcom.com>
Date: Tue, 02 Feb 1999 10:25:25 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3055-1999.02.02-12.30.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI
Note to the group. Requests for MARS/CAP (Military Amateur Radio
Service/Civil Air Patrol) modifications or other modifications are
available from your local dealer. Please inquire with the dealer that you
purchased it from. Kenwood has distributed such information to the dealer
network.

Reading such posts here on the net makes me a bit nervous and would not
want to see some of your radios in for repair because of modification
attempts. So, please do yourself a favor, check with your local dealer
that you bought the TH-D7A radio from for information. Proper proof of
permits may be required. You can also fax or send a copy of your MARS/CAP
permits and your request to Kenwood Customer Care 310-537-8235 to receive
such information.

Please understand modifications are made available as a courtesy and is not
intended for outside the U.S.
****
*   Kenwood Communication Corp.   *
*   http://www.kenwood.net   *
*   ftp://ftp.kenwood.net   *
****

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

7. [htaprs] Re: Green Jumper Wire/ Modifications

From: bobj <bobj@mediaone.net>
Date: Tue, 02 Feb 1999 13:50:15 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-3062-1999.02.02-12.55.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Point well taken..

   These notes should probably be appended to the modifications as they come
forth and are posted here..

Kenwood wrote:

> FYI
> Note to the group. Requests for MARS/CAP (Military Amateur Radio
> Service/Civil Air Patrol) modifications or other modifications are
> available from your local dealer. Please inquire with the dealer that you
> purchased it from. Kenwood has distributed such information to the dealer
> network.
>
> Reading such posts here on the net makes me a bit nervous and would not
> want to see some of your radios in for repair because of modification
> attempts. So, please do yourself a favor, check with your local dealer
> that you bought the TH-D7A radio from for information. Proper proof of
> permits may be required. You can also fax or send a copy of your MARS/CAP
> permits and your request to Kenwood Customer Care 310-537-8235 to receive
> such information.
>
> Please understand modifications are made available as a courtesy and is not
> intended for outside the U.S.
> **
> *   Kenwood Communication Corp.   *
> *   http://www.kenwood.net   *
> *   ftp://ftp.kenwood.net   *
> **
>
> ---
> You are currently subscribed to htaprs as: BOBJ@MEDIAONE.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] Re: The radio

From: Kenwood <cuyeda@ix.netcom.com>
Date: Tue, 02 Feb 1999 13:44:04 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: rwf <rwf@BSRG.org>
Message-ID: <LYR845-3081-1999.02.02-15.47.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI
To: Kenwood TH-D7A owners/APRS group

There is no need to be alarmed. Kenwood Europe (rumor) may have used the term "recall". The European TH-D7E may have been delayed for release because it does not have "Demand Assigned Multiple Access" (DAMA) Packet standard. This only affects the European versions and has nothing to do with the North American versions, TH-D7A.

As for the North American models (TH-D7A) there will be an update in the firmware in the near future. With help from the APRS users and Bob Bruninga, Kenwood is planning to re-write new changes into the current production (radios manufactured in Feb.). My suggestion to all new TH-D7A owners (purchased before Feb.) to excercise a little patience before rushing to get the latest upgrade. Kenwood will announce the update info and instructions to send radios to our service centers. Kenwood will make the announcement as soon as we determine the most efficient and quickest method to update radios. Details regarding serial number production ranges will also be announced.

My suggestion is to hold out for a little while to determine if there are any other changes that APRS users may suggest in the near future. I know this message will get alot of attention. Note to the group: Please no questions at this time, stay tuned for future announcements.

Kenwood Communications

At 02:07 PM 2/2/99 -0600, you wrote:

>Where do we stand on this so called "Recall", if there is such a thing or
>is that part just a rumor?
>
>Should I send the D7 in to you now for the firmware upgrade or is it too
>early?
>
>Ralph Fowler N4NEQ
>Atlanta
>

```
*********************************************
*     Kenwood Communication Corp.   *
*         http://www.kenwood.net          *
*           ftp://ftp.kenwood.net             *
*********************************************
```

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] Re: [htaprs]Good job Kenwood!!!

From: Kevin Kelly <kkelly@radix.net>
Date: Tue, 02 Feb 1999 20:24:05 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3144-1999.02.02-19.23.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings SIG

Way to go Kenwood. Great, Excellent, Wonderful, Outstanding, this is the kind of Customer Support that makes me glad I bought a Kenwood product. Thanks for the heads up. Now that there is a plan in place for a firmware update, I will happily wait (in silence) for it to implemented.

Kenwood wrote:
>
> FYI
> To: Kenwood TH-D7A owners/APRS group
>
> My suggestion to all new TH-D7A owners (purchased before Feb.) to excercise >a little patience before rushing to get the latest upgrade. Kenwood will >announce the update info and instructions to send radios to our service >centers. Kenwood will make the announcement as soon as we determine the most >efficient and quickest method to update radios.

Thanks again,
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] Re: [htaprs]Good job Kenwood!!!

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 02 Feb 1999 22:26:55 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3166-1999.02.02-21.27.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:24 PM 2/2/99 -0500, Kevin Kelly wrote:
>Greetings SIG
>
>Way to go Kenwood. Great, Excellent, Wonderful, Outstanding, this is the
>kind of Customer Support that makes me glad I bought a Kenwood product.
>Thanks for the heads up. Now that there is a plan in place for a
>firmware update, I will happily wait (in silence) for it to implemented.

Seconded, but I would feel better if I knew what was in this upgrade.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] D7A memory programming software is out!

From: John Vause <jdv@iglou.com>
Date: Tue, 02 Feb 1999 22:47:47 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: hazen@indiana.edu, KE4TCO <imsozo@juno.com>, joe@iglou.com
Message-ID: <LYR845-3177-1999.02.02-21.48.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes! It's out! The software for the Kenwood TH-D7A is available on
Kenwood's website:
         ftp://208.197.91.81/e%3A/kenwood/kenftp/kenwood/SOFTWARE/THD7A

READ the Readme file before use.
It clearly states that this is BETA software!

First impressions:
If you were hoping the firmware updater, it isn't here. :-(
After programming upload, radio switches to VFO on both bands. Uploaded
programing takes effect immediately.
When copying/cutting/pasting memory freqs, the freq name is not copied.
Be careful to use decimal point when entering frequencies into memory
channels as the software rounds the frquency up when you close the
memory editing window (ie. if you enter 146520, the software will round
it up to 479.995)

No BAL (subband mute) control in software.
No TNC parameter control for packet.

I did not test Sky Command and SSTV functions other than to see if the
software would alter the current radio seettings for these features.

Software is advertised to run under Win95/98 but WILL run under Windows
NT 4.0 w/SP4 (that's how I tested it, anyway).
If you get a communications error when trying to upload programming
to the radio try turning the radio off and back on again.

Opinion: Kenwood's software doesn't seem to have the off-frequency
problems that ADMS (RT System's software for programming the Yaesu FT51R
and other Yaesu radios) had in the beginning. Memory frequency editing
is not as polished as ADMS but is useable. CTCSS, offsets, etc. all can
be cut/pasted/copied in one operation.

A big THANK YOU to Kenwood for posting this software for free.

Un-solicited Advice: DOWNLOAD the current programming FROM your D7A to

disk FIRST and SAVE it! Change the file's properties to READ-ONLY.
Then make changes to the programming and upload them to the radio. Save
those changes to disk as a DIFFERENT file.

Disclaimer: I repeat this is BETA software. My review of this software
is neither exhaustive or complete. I accept no responsible if you have
to re-enter 200 frequencies by hand. YMMV, UAYOR (Use At Your Own Risk),
etc. :-)

--
* John Vause KF4ERV jdv@iglou.com *

Politicians LOVE unarmed serfs - Bumper Sticker
"Unlike computers, guns don't have Y2K problems..."
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] Re: D7A memory programming software is out!

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 02 Feb 1999 23:02:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: hazen@indiana.edu, KE4TCO <imsozo@juno.com>, joe@iglou.com
Message-ID: <LYR845-3179-1999.02.02-22.02.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:47 PM 2/2/99 -0500, John Vause wrote:
>Yes! It's out! The software for the Kenwood TH-D7A is available on
>Kenwood's website:
>   ftp://208.197.91.81/e%3A/kenwood/kenftp/kenwood/SOFTWARE/THD7A
>
>READ the Readme file before use.
>It clearly states that this is BETA software!

First impressions:

Nicely done as a "front panel" to the radio.

Only Com1/2, it does not look to see if you have more available.

You have to manually hack the registry to uninstall it?
(I'm not convinced on this one, I didn't see anything on the install that
indicated a registry mod.)

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13. [htaprs] MFJ TNC questions

From: jtennant@sbccom.com (Jacob Tennant)
Date: Tue, 02 Feb 1999 23:52:44 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3198-1999.02.02-22.54.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Looking for any advice on the the following:

1. The use of the MFJ-1270C TNC for APRS as a base and/or tracker.

2. The pro's and con's of using a X1J4 node instead of a regular
tnc-type digi.

73's Jacob Tennant,KB8QIR

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] Re: D7A memory programming software is out!

From: "Mark Pedroia" <kf6tys@hotmail.com>
Date: Tue, 02 Feb 1999 21:34:58 PST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3208-1999.02.02-23.35.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How are you uploading this to the THD7A? I'm assuming the cables are
now available? I just checked Saturday and the answer was no.

Could you please let me know if you've created your own cable or did you
purchase the one from Kenwood? I believe the part number is PG-4W

Thanks!

Mark Pedroia
KF6TYS

>Yes! It's out! The software for the Kenwood TH-D7A is available on
>Kenwood's website:
>   ftp://208.197.91.81/e%3A/kenwood/kenftp/kenwood/SOFTWARE/THD7A
>
>

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] Re: D7A memory programming software is out!

From: dave vanhorn <dvanhorn@cedar.net>
Date: Wed, 03 Feb 1999 00:41:56 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3210-1999.02.02-23.46.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

New first line required to fool stupid dupe scanner.

At 09:34 PM 2/2/99 -0800, Mark Pedroia wrote:
>How are you uploading this to the THD7A? I'm assuming the cables are
>now available? I just checked Saturday and the answer was no.
>
>Could you please let me know if you've created your own cable or did you
>purchase the one from Kenwood? I believe the part number is PG-4W

You make them. They aren't available yet, and will ship with the software.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] Re: D7A memory programming software is out!

From: "Ed Braaten" <ekb@sprynet.com>
Date: Tue, 2 Feb 1999 21:58:13 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <hazen@indiana.edu>, "'KE4TCO'" <imsozo@juno.com>, <joe@iglou.com>
Message-ID: <LYR845-3211-1999.02.02-23.59.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yup, the software sure beats programming the radio manually!

Verrry much like the software Kenwood released for their "cool blue" mobile
TH-V7! :-)

Unfortunately, the data files used by the two programming packages
(MCP_V7/MCP_D7) are incompatible, and there isn't an export/import function
(yet). However, a closer examination of the data files shows they are quite
similar - maybe a couple of tweaks in a text editor would allow you to copy
your favorite V7 memories over to the D7. If anyone tackles and solves this
please post to the list...

Hopefully the final release will also have an "insert" function (insert new
blank value in selected memory position and then shift all remaining memory
values down one slot) and a "delete" function (delete currently selected
memory value and shift remaining memory values up one slot). The lack of

this feature makes it tough to re-arrange memories - a chore that software
like this should be able to do with ease.

Kenwood's readme file says the PG-4W cable isn't available yet, but I have
one! I bought it from HRO for my VC-H1 a month or so ago... it works fine
as the cable for both the MCP-D7 programming software and for connecting
your PC to the D7/TNC. With a gender changer and null modem adapter from
Radio Shack, the PG-4W cable plugs right into the PC cable for a Garmin GPS
and serves as an "out of the box" GPS cable. Too bad Kenwood doesn't throw
two of these cables into the box with every new unit... :-(

Ed Braaten, K6EKB
http://home.sprynet.com/sprynet/ekb/
mailto:ekb@sprynet.com

> -----Original Message-----
> From: bounce-htaprs-3671@lists.tapr.org
> [mailto:bounce-htaprs-3671@lists.tapr.org]On Behalf Of dave vanhorn
> Sent: Tuesday, 02 February, 1999 20:02
> To: TAPR HT APRS Special Interest Group
> Cc: hazen@indiana.edu; KE4TCO; joe@iglou.com
> Subject: [htaprs] Re: D7A memory programming software is out!
>
>
> At 10:47 PM 2/2/99 -0500, John Vause wrote:
> >Yes! It's out! The software for the Kenwood TH-D7A is available on
> >Kenwood's website:
> >
> ftp://208.197.91.81/e%3A/kenwood/kenftp/kenwood/SOFTWARE/THD7A
> >
> >READ the Readme file before use.
> >It clearly states that this is BETA software!
>
>
> First impressions:
>
> Nicely done as a "front panel" to the radio.
>
> Only Com1/2, it does not look to see if you have more available.
>
> You have to manually hack the registry to uninstall it?
> (I'm not convinced on this one, I didn't see anything on the
> install that
> indicated a registry mod.)
>
>
>
>
> ---
> You are currently subscribed to htaprs as: EKB@SPRYNET.COM
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>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] Re: D7A memory programming software is out!

From: "Ed Braaten" <ekb@sprynet.com>
Date: Tue, 2 Feb 1999 22:18:05 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <hazen@indiana.edu>, "'KE4TCO'" <imsozo@juno.com>, <joe@iglou.com>
Message-ID: <LYR845-3222-1999.02.03-00.19.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

P.S. I believe I actually got the cable with the VC-H1 software package...
sorry if I raised any false hopes or created more confusion about the PG-4W
"vapor-cable"!

Ed Braaten, K6EKB
http://home.sprynet.com/sprynet/ekb/
mailto:ekb@sprynet.com

> -----Original Message-----
> From: bounce-htaprs-3671@lists.tapr.org
> [mailto:bounce-htaprs-3671@lists.tapr.org]On Behalf Of Ed Braaten
> Sent: Tuesday, 02 February, 1999 21:58
> To: TAPR HT APRS Special Interest Group
> Cc: hazen@indiana.edu; 'KE4TCO'; joe@iglou.com
> Subject: [htaprs] Re: D7A memory programming software is out!
>
> Kenwood's readme file says the PG-4W cable isn't available
> yet, but I have
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> it works fine
> as the cable for both the MCP-D7 programming software and for
> connecting
> your PC to the D7/TNC. With a gender changer and null modem
> adapter from
> Radio Shack, the PG-4W cable plugs right into the PC cable
> for a Garmin GPS
> and serves as an "out of the box" GPS cable. Too bad Kenwood
> doesn't throw
> two of these cables into the box with every new unit... :-(
>
>
> -----
> Ed Braaten, K6EKB
> http://home.sprynet.com/sprynet/ekb/
> mailto:ekb@sprynet.com
>
>
>
> > -----Original Message-----
> > From: bounce-htaprs-3671@lists.tapr.org
> > [mailto:bounce-htaprs-3671@lists.tapr.org]On Behalf Of dave vanhorn
> > Sent: Tuesday, 02 February, 1999 20:02
> > To: TAPR HT APRS Special Interest Group
> > Cc: hazen@indiana.edu; KE4TCO; joe@iglou.com
> > Subject: [htaprs] Re: D7A memory programming software is out!
> > >
> > >
> > At 10:47 PM 2/2/99 -0500, John Vause wrote:
> > >Yes! It's out! The software for the Kenwood TH-D7A is available on
> > >Kenwood's website:
> > >
> > ftp://208.197.91.81/e%3A/kenwood/kenftp/kenwood/SOFTWARE/THD7A
> > >
> > >READ the Readme file before use.
> > >It clearly states that this is BETA software!
> > >
> > >
> > First impressions:
> > >
> > Nicely done as a "front panel" to the radio.
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> > You have to manually hack the registry to uninstall it?
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> > install that
> > indicated a registry mod.)
> > >
> > >
> > >
> > >
> > ---
> > You are currently subscribed to htaprs as: EKB@SPRYNET.COM
> > To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
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> >
> >
> ---
> You are currently subscribed to htaprs as: EKB@SPRYNET.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Re: Battery voltage indicator

From: "Ed Braaten" <ekb@sprynet.com>
Date: Tue, 2 Feb 1999 22:47:33 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3227-1999.02.03-00.48.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I still would prefer a voltage readout option. The bar graph is primitive
and forces you to transmit (shame on you if you kerchunk a repeater!) just
to figure out your battery condition.

Good point on the NiCd voltage drop. I use NiMH batteries on my Yaesu FT-50
handheld and can glance at the battery voltage and know its relative
strength (without transmitting ;-). From a full charge I can watch the 9.6V
pack go from 10.9/10.8 volts down to below 9.6. In everyday use it has
saved me from the "oops my battery is dead" surprise many a time.

Enough about the voltage indicator... I'd sacrifice it for a built-in GPS on
the D7 any day! ;-)

Ed Braaten, K6EKB
http://home.sprynet.com/sprynet/ekb/
mailto:ekb@sprynet.com

> -----Original Message-----
> From: bounce-htaprs-3671@lists.tapr.org
> [mailto:bounce-htaprs-3671@lists.tapr.org]On Behalf Of Alan Crosswell
> Sent: Tuesday, 26 January, 1999 07:41
> To: TAPR HT APRS Special Interest Group
> Cc: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: Battery voltage indicator
>
>
> > Is there a battery voltage indicator buried among the
> features of the D7?
> > If not, is this feature on the list of items for a future release?
> >
> > Being used to the battery voltage indicator on my other
> handhelds, I'm
> > finding it a bit frustrating to try and guess what state
> the battery is in
> > on my D7. (Testing with an external tester isn't a nice
> option either...)
> >
> > -----
> > Ed Braaten, K6EKB
> > http://home.sprynet.com/sprynet/ekb/
> > mailto:ekb@sprynet.com
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: N2YGK@WECA.ORG
> > To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> >
>
> Battery voltage is indicated when you transmit by how many
> bars display.
> Read it in the manual. As you know, NiCD battery voltage curves look
> kind of like this:
>
> -------------------+
> |
> |
> |
>
> So knowing the battery voltage doesn't help all that much.
> /a
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] TH-D7E and DAMA

From: Ernst Niggli <niggli@pyl.unibe.ch>
Date: Wed, 03 Feb 1999 12:17:17 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3267-1999.02.03-05.17.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The following information regarding the European TH-D7(E) HT was posted
yesterday:

For those not speaking German:
It essentially means that Kenwood is not going to fix the problem and
takes back (for a refund) the sold HTs from those customers affected by
the incompatibility with DAMA.

Will the same deal be announced to cope with the Tripmate
incompatibility??

73

Ernst HB9PVI

Radaufunk wrote
============

01. Febr. ´99 / KENWOOD-Information zum TH-D7E.
       Mit Schreiben vom 29. Januar 1999 teilte KENWOOD in Heusenstamm
allen autorisierten Fachhändlern wie folgt mit:
       1. Das Produkt TH-D7E ist nur eingeschränkt DAMA- fähig, d. h.
lediglich der Empfang von Daten mit 1200/9600 baud ist
       möglich. Das Senden von Daten über Digipeater mit DAMA- Funktion
ist nicht möglich.
       2. Die Funktion DX-Cluster im Stand- Alone- Betrieb, d. h. nicht
verbunden mit einem PC, ist nur mit 1200 baud möglich.
       3. Wird das Gerät im Packet- Betrieb ausgeschaltet, ist es nach
erneuter Inbetriebnahme notwendig, die für den entsprechenden
       Modus/Digipeater erforderlichen Grundeinstellungen erneut
vorzunehmen.
       Als Konsequenz ergibt sich: Alle Verkaufsunterlagen und
Veröffentlichungen werden entsprechend korrigiert. Kunden, für die die
       Packet- Funktionen kaufbestimmend waren, können das Gerät - bei
Gutschrift des vollen Kaufpreises - zurückgeben.
       Wir bedauern diese Umstände, danken aber KENWOOD für die grosse
Offenheit und die vorbildliche, kulante Abwicklung.
[Attachment: niggli.vcf; text/x-vcard; 285 bytes]

20. [htaprs] Un- intended CC:s

From: John Vause <jdv@iglou.com>
Date: Wed, 03 Feb 1999 07:43:44 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3272-1999.02.03-06.48.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please check the CC: field when sending/replying to posts and remove
<hazen@indiana.edu>, "'KE4TCO'" <imsozo@juno.com>, <joe@iglou.com>
addresses. I CC:ed them originally because they may not
monitor this SIG. I did not intend for people repling/commenting on
my posts to also CC: them.

--
* John Vause KF4ERV jdv@iglou.com *
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] D7A memory programer bug

From: John Vause <jdv@iglou.com>
Date: Wed, 03 Feb 1999 07:47:19 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-3273-1999.02.03-06.48.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bugs found so far:

There seems to be some problems in cutting/pasting/copying memory
channels (sometimes the channel name will cut/paste/copy correctly,
sometimes it won't).
There also seems to be a problem in that editing the call channel
memories doesn't save the direction of the offset (plus/minus offset
setting is not saved.
The program will save split frequency setting in the call channel
memories.

NOTE: Please check the CC: field when sending/replying to posts and
remove <hazen@indiana.edu>, "'KE4TCO'" <imsozo@juno.com>,
<joe@iglou.com> addresses. I CC:ed them originally because they may not
monitor this SIG. I did not intend for people repling/commenting on
my posts to also CC: them.

73
--
* John Vause KF4ERV jdv@iglou.com *

Politicians love UNARMED serfs - Bumper Sticker
"Unlike computers, guns don't have Y2K problems..."
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Street Pilot/D7 waypoints

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Wed, 3 Feb 1999 12:28:23 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3322-1999.02.03-12.29.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Since the Garmin Street Pilot user waypoints can support 10 character names,
does the D7>GPS waypoint feature show the entire callsign as the waypoint
name or just the last 6 as in the GIII (like 4GPS-7)?

Thanks

Jim N0RMO
Omaha NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] Thanks you Kenwood

From: joe.lagreek@edwardjones.com
Date: Wed, 03 Feb 1999 18:09:45 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3372-1999.02.03-18.23.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know this is redundant,

Thank you Kenwood for the update on firmware and the PC program.

73 de N0OTM

Joe LaGreek

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] cable for D7A memory programming software

From: "Bob Oesterlin" <oester@millcomm.com>
Date: Wed, 3 Feb 1999 18:44:43 -0600

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3381-1999.02.03-18.45.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I downloaded the software, plugged in the same cable I was using for the
TNC, and it works just dandy!

Looks a lot like the TMV7A software.

Bob Oesterlin N0EST

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] GPSIII symbols

From: Walter Dunckel <wdunckel@best.com>
Date: Wed, 03 Feb 1999 17:45:42 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3398-1999.02.03-19.47.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In earlier posts it has been mentioned that the Garmin GPSIII will
display heard stations as waypoints when connected to a TH-D7a. Much
like WINAPRS, these stations will be updated each time they are heard
and displayed on the map of the gps.

Although the Garmin GPSIII will not automaticaly assign the correct
symbol to the APRS station (a default "square" will be assigned to all
waypoints) , there are many graphic symbols that you
can manualy assign to a station. For example, a car, house, radio
tower ... etc. Once these symbols are assigned they will stay with the
APRS station (no matter if the unit is turned off, or new batteries are
added). Unfortunately the GPSIII will only catch the last 6 digits of
the call sign to display beside the symbol.

Happy APRSing,

Walter
KD6VYV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] bios

From: "Mark A. Foley" <na4v@hom.net>
Date: Thu, 4 Feb 1999 09:26:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3489-1999.02.04-08.27.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is Kenwood still monitoring the sig?...My D7 had to be returned to Kenwood
for audio output problems. Wondering if the new bios is ready to be flashed
and will my ht be modified?
Mark, NA4V

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

27. [htaprs] Re: bios

From: Matt R Roller <kd7clx@ng7m.qrq.com>
Date: Thu, 04 Feb 1999 06:54:21 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-3491-1999.02.04-08.55.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does it sound like an underling unsquelched audio when you are receiving a
signal with only one band open, and you could make it go away by opening the
other band, then closing it again, or opening the tnc then closing it?

I had that problem last night.

"Mark A. Foley" wrote:

> Is Kenwood still monitoring the sig?...My D7 had to be returned to Kenwood
> for audio output problems. Wondering if the new bios is ready to be flashed
> and will my ht be modified?
> Mark, NA4V

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] Re: GPSIII symbols

From: Alan Crosswell <n2ygk@weca.org>
Date: Thu, 4 Feb 99 10:17:39 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3496-1999.02.04-09.18.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>added). Unfortunately the GPSIII will only catch the last 6 digits of

Actually, it's the D7 only sending the last 6 characters of the callsign.
I don't know what the rules are for waypoint lists but the impression I have
is the D7 is sending the last 6 chars so as to get uniqueness. If it sent
the full callsign (e.g. for WB2ZII-14 and there was also a WB2ZII-12) then
the GPS's would truncate that symbol name and get an ambiguity.

73 de Alan N2YGK
PS: Confirmed this my running the "human gps simulator" (plugged the serial
    cable into the GPS port and watched what the D7 was sending to the GPS:-)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] Re: htaprs digest: February 03, 1999 Street Pilot/GPSIII

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Thu, 04 Feb 1999 09:58:54 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3536-1999.02.04-13.19.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Jim Gill" <jimgill@ix.netcom.com> wrote:

>Since the Garmin Street Pilot user waypoints can support 10 character
>names, does the D7>GPS waypoint feature show the entire callsign as the
>waypoint name or just the last 6 as in the GIII (like 4GPS-7)?

and

Walter Dunckel <wdunckel@best.com> wrote:

>Unfortunately the GPSIII will only catch the last 6 digits of the
>call sign to display beside the symbol.

I can't remember if it's in the D7 manual, or Bob's comments on the
introduction of the D7 (available on the TAPR web site), but I recall
a clear statement that the D7 uses the last 6 characters of the call
for the waypoint name. Since the D7 doesn't know what GPS is out there
or how long a waypoint name it can handle, I don't think there's going
to be any adaptability there. I don't think it matters what GPS you're
dealing with.

This could get interesting, of course, if WA6ABC and KE4ABC are both
somewhere within the scale of your GPS display. You'll see ABC-14
bounce back and forth between their respective locations!

On a slightly different subject, Walter Dunckel <wdunckel@best.com>
wrote:

>Although the Garmin GPSIII will not automaticaly assign the correct
>symbol to the APRS station (a default "square" will be assigned to all
>waypoints) , there are many graphic symbols that you
>can manualy assign to a station. For example, a car, house, radio
>tower ... etc.

Hmmmm... On my GPSII, most APRS stations get saved as a little X in a
circle, which is good because I have used the square for "real" places
like my house, W1AW, the airports I spend too much time in, and the

hotels I want to be able to find again when it's bedtime in a strange
city.

But every now and then one (maybe one in a hundred) gets saved as a
square, an anchor, or a flag. Anybody have any idea why?

Got my ten (!) cables with 2.5mm plugs from Mouser yesterday, so by
the weekend I should be, like, wired. Totally.

Neil Fullagar KE6NCX
CM87vr

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] Re: HT Fanny Pack

From: "Larry Rich" <lrich@pobox.com>
Date: Fri, 5 Feb 1999 01:01:34 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3578-1999.02.04-19.02.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Rich,
Do you have the numbers for the Fannypack. I stopped by
and didn't see anything that looked like what you described.
Thanks, 73 W1LR Rich (also)
-----Original Message-----
From: Rich Casey <casey@acm.org>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Monday, February 01, 1999 04:44
Subject: [htaprs] HT Fanny Pack

>Next time you're at Radio Shack, check out the Communications
Belt fanny
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] Re: GPSIII symbols

From: "John W. Aughey" <j.w.aughey@aughey.com>
Date: Thu, 04 Feb 1999 19:44:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3594-1999.02.04-19.48.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you're like me, you find that many of the waypoints sent by the D7 end
up cluttering your saved waypoints. There's an easy way to clean them up.
This is based on the GPS III; the Street Pilot may be similar:

First, review the saved waypoints. Change any that you want to save to use
some symbol other than the default "waypoint". Then use the GPS's "delete
by symbol" feature to delete all of the waypoints that still have the
default "waypoint" symbol. This will quickly dispose of all the waypoints
you haven't changed over.

--
John Aughey, KC9XT
Creve Coeur, MO

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] Re: HT Fanny Pack

From: Walter Dunckel <wdunckel@best.com>
Date: Fri, 05 Feb 1999 14:44:14 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-3728-1999.02.05-16.47.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Radio shack's Comunications Waist Pack 42-260
Although not ideal, this $15 pouch does hold the radio and a gps unit
well enough for biking and hiking, even tried it roller blading! Could
be better, but for $15 I can't complain much.

Walter

Larry Rich wrote:
>
> Hi Rich,
> Do you have the numbers for the Fannypack. I stopped by
> and didn't see anything that looked like what you described.
> Thanks, 73 W1LR Rich (also)
> -----Original Message-----
> From: Rich Casey <casey@acm.org>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Date: Monday, February 01, 1999 04:44
> Subject: [htaprs] HT Fanny Pack
>
> >Next time you're at Radio Shack, check out the Communications
> Belt fanny
> >
>
> ---
> You are currently subscribed to htaprs as: wdunckel@best.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

33. [htaprs] Re: HT Fanny Pack

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Fri, 5 Feb 1999 18:18:23 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3735-1999.02.05-17.19.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

found at HRO .. page 49 of the fall and winter 98 catalog.

$25 "the pouch"

Wes
Email: kd4rdb@usa.net
Pager: kd4rdbpager@usa.net
APRS: http://www.qsl.net/kd4rdb/aprs.htm
My Location: http://map.aprs.net/kd4rdb-9
-----Original Message-----
From: Larry Rich <lrich@pobox.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Thursday, February 04, 1999 8:03 PM
Subject: [htaprs] Re: HT Fanny Pack

>Hi Rich,
>Do you have the numbers for the Fannypack. I stopped by
>and didn't see anything that looked like what you described.
>Thanks, 73 W1LR Rich (also)
>-----Original Message-----
>From: Rich Casey <casey@acm.org>
>To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
>Date: Monday, February 01, 1999 04:44
>Subject: [htaprs] HT Fanny Pack
>
>
>>Next time you're at Radio Shack, check out the Communications
>Belt fanny
>>
>
>
>---
>You are currently subscribed to htaprs as: KD4RDB@BELLSOUTH.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

34. [htaprs] Re: HT Fanny Pack

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Fri, 5 Feb 1999 18:20:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3736-1999.02.05-17.20.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Also, I picked up a bicycle handle bar bag/fanny pack. It is designed to
hold two water bottles, one on each side... my ft530 fit perfectly in one
side, don't see why a gps wouldn't fit the other side.

Wes
Email: kd4rdb@usa.net
Pager: kd4rdbpager@usa.net
APRS: http://www.qsl.net/kd4rdb/aprs.htm
My Location: http://map.aprs.net/kd4rdb-9
-----Original Message-----
From: Larry Rich <lrich@pobox.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Thursday, February 04, 1999 8:03 PM
Subject: [htaprs] Re: HT Fanny Pack

>Hi Rich,
>Do you have the numbers for the Fannypack. I stopped by
>and didn't see anything that looked like what you described.
>Thanks, 73 W1LR Rich (also)
>-----Original Message-----
>From: Rich Casey <casey@acm.org>
>To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
>Date: Monday, February 01, 1999 04:44
>Subject: [htaprs] HT Fanny Pack
>
>
>>Next time you're at Radio Shack, check out the Communications
>Belt fanny
>>
>
>
>---
>You are currently subscribed to htaprs as: KD4RDB@BELLSOUTH.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] TH-D7A and computer

From: "BobD" <BobD@virtualconst.com>
Date: Sat, 6 Feb 1999 13:20:42 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3834-1999.02.06-12.20.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi everyone,

Just got on this SIG so don't know if this has been discussed before.
I don't seem to be able to connect my D7 to the computer. I have tried
different computers, different cables, etc. I've checked my wiring pinouts -
OK (by the D7 manual).

Q: Do I need to tie pin 5 of the DB-9 to another pin to get the ground on an
older laptop computer? Specifically a Toshiba T-1000 8088 machine.

Also does not work with my Thinkpad 701C, though on both laptops I can
establish comms with a KPC-3 w/o problem.

Any help appreciated.

73...Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] Re: TH-D7A and computer

From: Matt R Roller <kd7clx@ng7m.qrq.com>
Date: Sat, 06 Feb 1999 10:30:29 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3836-1999.02.06-12.32.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Two things I noticed when I made my cable,
1. The pin out in the manual is backwards, switch TX and RCV
2. The Wire in the supplied phono plug is strange, you have to touch the very tip of it to get a continuity reading from the other side, meaning....I didn't get a connect until I took a knife and scraped off whatever they have on there to insulate.
i.e. I would touch the bare wire with the continuity probe, and would get nothing, but when I scraped at it a bit with a knife blade, I could get a reading.

I got my cable to go to my com port from a mouse tail :) (used in the thrift store $2.00)

I did this and it worked great with my P150,P100 and 386 laptop.

BobD wrote:

> Hi everyone,
>
> Just got on this SIG so don't know if this has been discussed before.
> I don't seem to be able to connect my D7 to the computer. I have tried
> different computers, different cables, etc. I've checked my wiring pinouts -
> OK (by the D7 manual).
>
> Q: Do I need to tie pin 5 of the DB-9 to another pin to get the ground on an
> older laptop computer? Specifically a Toshiba T-1000 8088 machine.
>
> Also does not work with my Thinkpad 701C, though on both laptops I can
> establish comms with a KPC-3 w/o problem.
>
> Any help appreciated.
>
> 73...Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] Re: TH-D7A and computer

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Sat, 6 Feb 99 13:33:07 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3837-1999.02.06-12.33.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

try swapping 2&3 (ignore the manual).
/a

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

38. [htaprs] Re: TH-D7A and computer

From: Marc Pichette <marc@cpu1894.adsl.bellglobal.com>
Date: Sat, 06 Feb 1999 13:38:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3838-1999.02.06-12.39.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi!

  You might also try a null modem adapter if you want to use the cable for your gps as well. Dpending on your configuration, you will probably need a gender changer as well. Looks awkward, but it works!

73! de Marc, VA3DRV.

BobD wrote:
>
> Hi everyone,
>
> Just got on this SIG so don't know if this has been discussed before.
> I don't seem to be able to connect my D7 to the computer. I have tried
> different computers, different cables, etc. I've checked my wiring pinouts -
> OK (by the D7 manual).
>
> Q: Do I need to tie pin 5 of the DB-9 to another pin to get the ground on an
> older laptop computer? Specifically a Toshiba T-1000 8088 machine.
>
> Also does not work with my Thinkpad 701C, though on both laptops I can
> establish comms with a KPC-3 w/o problem.
>
> Any help appreciated.
>
> 73...Bob
>
> ---
> You are currently subscribed to htaprs as: VA3DRV@RAC.CA
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

39. [htaprs] D7 & PC connection

From: "BobD" <BobD@virtualconst.com>
Date: Sat, 6 Feb 1999 15:22:50 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3853-1999.02.06-15.00.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tried rolling pins 2 & 3, no luck.
I've tried three different terminal programs, no luck.
I've tried 2 different cables, even made up a completely new on, checked the
pinout from end to end, OK, but no communication between the D7 and the
computer.

The GPS port talks to the GPS-III fine.

Everything works except the PC connection.

What's up???

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

40. [htaprs] Re: D7 & PC connection

From: dave vanhorn <dvanhorn@cedar.net>
Date: Sat, 06 Feb 1999 17:30:21 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3864-1999.02.06-16.31.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:22 PM 2/6/99 -0500, BobD wrote:
>Tried rolling pins 2 & 3, no luck.
>I've tried three different terminal programs, no luck.
>I've tried 2 different cables, even made up a completely new on, checked the
>pinout from end to end, OK, but no communication between the D7 and the
>computer.
>
>The GPS port talks to the GPS-III fine.
>
>Everything works except the PC connection.
>
>What's up???

Check the continuity on the ground lead (all of them even!) I've heard some

talk about open grounds.
Then make sure you open the TNC on the HT, not just the APRS beacon function.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] Re: TH-D7A and computer

From: "Don Boekenkruger" <ve7cbt@home.com>
Date: Sat, 6 Feb 1999 18:15:48 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3882-1999.02.06-20.14.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Do be sure to set your com port settings to XON/XOFF

Don.

-----Original Message-----
From: BobD <BobD@virtualconst.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Saturday, February 06, 1999 10:20 AM
Subject: [htaprs] TH-D7A and computer

>Hi everyone,
>
>Just got on this SIG so don't know if this has been discussed before.
>I don't seem to be able to connect my D7 to the computer. I have tried
>different computers, different cables, etc. I've checked my wiring
pinouts -
>OK (by the D7 manual).
>
>Q: Do I need to tie pin 5 of the DB-9 to another pin to get the ground on
an
>older laptop computer? Specifically a Toshiba T-1000 8088 machine.
>
>Also does not work with my Thinkpad 701C, though on both laptops I can
>establish comms with a KPC-3 w/o problem.
>
>Any help appreciated.
>
>73...Bob
>
>
>
>---
>You are currently subscribed to htaprs as: DONB@DIRECT.CA
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Re: D7 & PC connection

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Sun, 7 Feb 99 14:07:26 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3978-1999.02.07-13.08.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Tried rolling pins 2 & 3, no luck.
> I've tried three different terminal programs, no luck.
> I've tried 2 different cables, even made up a completely new on, checked the
> pinout from end to end, OK, but no communication between the D7 and the
> computer.
>
> The GPS port talks to the GPS-III fine.
>
> Everything works except the PC connection.
>
> What's up???
>

> Bob
>
>
>
> ---
> You are currently subscribed to htaprs as: N2YGK@WECA.ORG
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

Dumb question perhaps but did you push the TNC button twice such that it
says "packet"? The first TNC on is for Mic-E, 2nd press is for packet on
the PC serial port. 3rd press turns it off again.

73 de Alan N2YGK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Findings - D7 & Computer/Cable assembly

From: "BobD" <BobD@virtualconst.com>
Date: Sun, 7 Feb 1999 15:45:42 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3980-1999.02.07-14.43.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to everyone for responding with help and comments.

Unfortunately nothing has helped solve the problem.
I DID find out that the right-angle cable from Mouser does not seem to fit
the jack as tightly as it could, I noticed this too with the temporary cable
I was using before the Mouser cable assemblies arrived. Then (with the temp.
cable) I was using a stereo 1/8" plug with an adapter from 1/8" to 2.5 mm,
this cable works fine, the only gripe with it was the long, straight mess
hanging out the side of the HT.

I took the new cable I made up with the Mouser plug/cable assemble and
re-connected it to the GPS port of the D7. The GPS was already fired up and
had a fix. When I turned on the HT and hit the POS button I did not see the
flashing dots indicating that the D7 was receiving data from the GPS. When I
pulled the plug out of the jack a few millimeters I heard the beep and saw
the dots flashing and the D7 got POS report from the GPS.

Haven't tried yet to tweak the cable position in the PC port of the D7 yet,
but that is next.

Update to follow.

73...Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] Garmin GPSIII?

From: "Rich Casey" <casey@acm.org>
Date: Sun, 7 Feb 1999 23:20:46 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4036-1999.02.07-23.23.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thinking about upgrading from a GPS-12 to a Garmin III or III+. Anyone
used one with the Kenwood? Don't see it listed as a tested unit on Dave's
Kenwood web page.

 Any problems/suggestions/opinions? Would be full time duty on the dash of
my Cherokee...

73
Rich
n5csu and -7 when on the run
----------- \\ -------------------------
Rich Casey   casey@acm.org
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] RE: Garmin GPSIII?

From: "Ed Braaten" <ekb@sprynet.com>
Date: Sun, 7 Feb 1999 23:13:18 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4047-1999.02.08-01.14.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I haven't done extensive testing, but I did hook my Garmin GPS III+ to the
D7 once and it seemed to work just fine.

Ed Braaten, K6EKB
http://home.sprynet.com/sprynet/ekb/
mailto:ekb@sprynet.com

> -----Original Message-----
> From: bounce-htaprs-3671@lists.tapr.org
> [mailto:bounce-htaprs-3671@lists.tapr.org]On Behalf Of Rich Casey
> Sent: Sunday, 07 February, 1999 21:21
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Garmin GPSIII?
>
>
> Thinking about upgrading from a GPS-12 to a Garmin III or
> III+. Anyone
> used one with the Kenwood? Don't see it listed as a tested
> unit on Dave's
> Kenwood web page.
>
> Any problems/suggestions/opinions? Would be full time duty
> on the dash of
> my Cherokee...
>
> 73
> Rich
> n5csu and -7 when on the run
> ----------- \\ -------------------------
> Rich Casey   casey@acm.org
> Amateur Radio N5CSU
> Dallas Texas
> www.startext.net/homes/rcasey
>
>
>
> ---
> You are currently subscribed to htaprs as: EKB@SPRYNET.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] Re: Garmin GPSIII?

From: Steve Dimse K4HG <k4hg@tapr.org>
Date: Mon, 8 Feb 1999 07:25:48 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4069-1999.02.08-06.26.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 2/8/99 12:20 AM Rich Casey (casey@acm.org) wrote:

> Thinking about upgrading from a GPS-12 to a Garmin III or III+. Anyone
>used one with the Kenwood? Don't see it listed as a tested unit on Dave's
>Kenwood web page.
>
It should be on the page, it is what Keith, Mark, I have been using
without any trouble.

I'm very happy wih my GPS-III.

Steve K4HG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] d7a on 2 meters

From: "Jim Piazza" <jap@ix.netcom.com>
Date: Mon, 8 Feb 1999 14:26:43
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4140-1999.02.08-14.27.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been using my d7a and realy like it. But the problems that I seem to
have is that on 2 meters I do not hit repeters like my other HT. I have
held my w32a in one hand and my D7a in the other. The w32a hits the repeter
and the D7a does not. Both batteries are charged and are the high power
batteries. I am looking at a after market duck. Any suggestions. Do I need
to send the radio in??? The other question is I have a GPSIII and it seems
to work fine with my radio, but I do not get the way points on the GPS.
Again any suggestions.

Thanks
Jim
KF6SRE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] Re: d7a on 2 meters

From: dave vanhorn <dvanhorn@cedar.net>
Date: Mon, 08 Feb 1999 15:29:29 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4141-1999.02.08-14.31.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:26 PM 2/8/99 +0000, Jim Piazza wrote:
>I have been using my d7a and realy like it. But the problems that I seem to
>have is that on 2 meters I do not hit repeters like my other HT. I have
>held my w32a in one hand and my D7a in the other. The w32a hits the repeter
>and the D7a does not. Both batteries are charged and are the high power
>batteries. I am looking at a after market duck. Any suggestions. Do I need
>to send the radio in??? The other question is I have a GPSIII and it seems
>to work fine with my radio, but I do not get the way points on the GPS.
>Again any suggestions.

The factory duck is a true "helical dummy load".
I documented one aftermarket on my web page, it gives me a lot better range.
I haven't heard any others discussed.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Re: d7a on 2 meters

From: Jerry DiPietro <jerry@k9gd.com>
Date: Mon, 08 Feb 1999 15:57:16 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4145-1999.02.08-15.58.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:26 AM 2/8/1999 , you wrote:
>I have been using my d7a and realy like it. But the problems that I seem to
>have is that on 2 meters I do not hit repeters like my other HT. I have

The factory installed "antenna" is crapola. I substituted a DIAMOND
SRH519. Works great. It has an
SMA connector and works excellent.....Maybe Kenwood can "update" their
substandard antenna on one of the many trips back my HT will take over its
lifetime for periodic "reprogramming" and bug eradication.
Jerry
K9GD
end

Regards,
Jerry DiPietro

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Re: d7a on 2 meters

From: "Tim Russell" <timruss@home.com>
Date: Tue, 9 Feb 1999 08:46:44 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4264-1999.02.09-08.47.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had the same problem for a bit, then I noticed that, when listening to a somewhat distant repeater, if I screwed the antenna all the way down, the signal reading went down 2-3 bars. If I unsrewed it a bit and tilted the antenna on its connector, it went full scale.

I think my antenna developed a short of some kind, though I don't know how, since I've been totally babying this radio (other than the drop, and this was before that). In any case I'm not too worried about it as I'm going to get a nice Diamond for it anyway.

I have a quarter-wave whip (Comet I think) that works GREAT, but you have to watch out for it as it's thin and bounces around a lot.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] D7A Antenna Replacement

From: "Ed Braaten" <ekb@sprynet.com>
Date: Tue, 9 Feb 1999 07:13:38 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4270-1999.02.09-09.15.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone on the list had any experience with the new MFJ after-market SMA antennas? They seem to be a little cheaper than the Comet and Diamond offerings...

73, Ed

Ed Braaten, K6EKB
http://home.sprynet.com/sprynet/ekb/
mailto:ekb@sprynet.com

> -----Original Message-----
> From: bounce-htaprs-3671@lists.tapr.org
> [mailto:bounce-htaprs-3671@lists.tapr.org]On Behalf Of Tim Russell
> Sent: Tuesday, 09 February, 1999 06:47
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: d7a on 2 meters
>
>
> I had the same problem for a bit, then I noticed that,
> when listening to
> a somewhat distant repeater, if I screwed the antenna all the
> way down, the
> signal reading went down 2-3 bars. If I unsrewed it a bit
> and tilted the
> antenna on its connector, it went full scale.
>
> I think my antenna developed a short of some kind, though
> I don't know
> how, since I've been totally babying this radio (other than
> the drop, and
> this was before that). In any case I'm not too worried about
> it as I'm
> going to get a nice Diamond for it anyway.

>
>   I have a quarter-wave whip (Comet I think) that works
> GREAT, but you
> have to watch out for it as it's thin and bounces around a lot.
>
>
>
> ---
> You are currently subscribed to htaprs as: EKB@SPRYNET.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] Re: D7A Antenna Replacement

From: Steve Dimse K4HG <k4hg@tapr.org>
Date: Tue, 9 Feb 1999 10:21:23 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4273-1999.02.09-09.22.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 2/9/99 10:13 AM Ed Braaten (ekb@sprynet.com) wrote:

>Has anyone on the list had any experience with the new MFJ after-market SMA
>antennas? They seem to be a little cheaper than the Comet and Diamond
>offerings...
>
I picked up one of the Comet ones for $20 at the Miami Hamfest last
weekend, about an 18 inch very flexible whip, which blows away the
performance of the standard antenna. No comment on the MFJ one though.

Steve K4HG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] Re: D7A Antenna Replacement

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 09 Feb 1999 11:31:11 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4279-1999.02.09-10.32.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I picked up one of the Comet ones for $20 at the Miami Hamfest last
>weekend, about an 18 inch very flexible whip, which blows away the
>performance of the standard antenna. No comment on the MFJ one though.

The Comet SMA24 is what I have, very nice, and as a bonus, it's a great cat
toy.
It gives me roughly 3x the range of the standard antenna.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

54. [htaprs] Re: D7A Antenna Replacement

From: "Scupper" <scupper@null.net>
Date: Tue, 9 Feb 1999 11:30:48 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4285-1999.02.09-11.38.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's it for me! The cat comment put me over the edge. I'll be looking
for the Comet SMA24 in Orlando this weekend.

Matt
K9KRY

> -----Original Message-----
> From: bounce-htaprs-3736@lists.tapr.org
> [mailto:bounce-htaprs-3736@lists.tapr.org]On Behalf Of dave vanhorn
> Sent: Tuesday, February 09, 1999 10:31 AM
> To: TAPR HT APRS Special Interest Group

> Subject: [htaprs] Re: D7A Antenna Replacement
>
>
>
> >I picked up one of the Comet ones for $20 at the Miami Hamfest last
> >weekend, about an 18 inch very flexible whip, which blows away the
> >performance of the standard antenna. No comment on the MFJ one though.
>
> The Comet SMA24 is what I have, very nice, and as a bonus, it's a
> great cat
> toy.
> It gives me roughly 3x the range of the standard antenna.
>
>
> ---
> You are currently subscribed to htaprs as: SCUPPER@NULL.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Re: D7A Antenna Replacement

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 09 Feb 1999 13:05:07 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4295-1999.02.09-12.06.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:30 AM 2/9/99 -0600, Scupper wrote:
>That's it for me! The cat comment put me over the edge. I'll be looking
>for the Comet SMA24 in Orlando this weekend.

You have to watch them, I worry that they'll get it in the eye, but maybe I
worry too much, they play with sharp toys all their lives (20 each, plus
teeth) and their reactions are SO much faster than ours.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] Bounced a packet through R0MIR via TH-D7

From: "Tim Russell" <timruss@home.com>
Date: Tue, 9 Feb 1999 12:23:16 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <aprssig@tapr.org>
Message-ID: <LYR845-4304-1999.02.09-12.24.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I just went out to the courtyard here at work in Council Bluffs, IA
(Omaha) and bounced a packet through Mir at five watts with a quarter-wave
whip.. Also heard one of the cosmonauts calling CQ as the packets were
flying! Didn't get him to acknowledge me with two tries, but I suppose I
should have let the schools try anyway.

Received posits from KS4NG-7 and KM5HG in Erwin, TN and Claremore, OK
respectively, as well as some ??s from several other stations.

Hmm - I don't think this qualifies for a QSL, does it? They /did/ receive
me and I'm sure someone else has a log to prove it...

--
"The biggest Y2K risk is that the impeachment hearings
will be over and no famous people will have killed anyone
lately."   -- Scott Adams

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

57. [htaprs] Suggestion needed for airmobile operations

From: Dave Kaplan <fluidpwr@m1.sprynet.com>
Date: Tue, 09 Feb 1999 13:49:50 -0600

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4322-1999.02.09-13.51.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I want to move from my current ARPS tracker built into a 50 cal ammo box to
a D7A with a remote GPS. To give you an idea of the size of a Turbine
Commander, look at http://www.pionet.net/~dkaplan/CG-Photo.jpg The aircraft
cruises at about 300 knots between 27,000 and 31,000 feet. I am feeding a
external antenna mounted by the tail with a BNC connector mounted on the
pilots quadrant. A photo of the aircraft GPS (about $12,000 because it says
FAA Approved) can be found at http://www.pionet.net/~dkaplan/KLN90B.jpg

Since I want to use a D7A, I need a GPS that can Velcro into the co-pilots
overhead window http://www.pionet.net/~dkaplan/CP-Window.jpg , possibly run
on an internal battery, and work with the D7A but be less then 2" thick,
and have no speed limitation. During decent sometimes I get up to over 400
knots.

Any suggestions or examples would be appreciated

Dave
WB0WNX-7 Commander Airmobile

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] Re: Suggestion needed for airmobile operations

From: Kevin Kelly <kkelly@Radix.Net>
Date: Tue, 09 Feb 1999 20:45:14 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-4360-1999.02.09-19.46.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings:

This suggestion is based on the TH D7A firmware update allowing the 4
decimal place GPS's to work with the TH D7A.

I would give the Garmin 35 TrakPack some thought.
http://www.garmin.com/oemgps35TP.html It is 1.0 inch thick, 3.75 inches
long, and 2.5 wide. The side that must be facing up, and therefore be
velcroed, is sloped. So I would adapt the shape with a small wedge of
stiff foam rubber contact cemented to the top of the GPS 35, then affix
the velcro to the foam.

The GPS 35 can be remotely powered by a 6 - 40 volt battery via the
cable. The NMEA signal wires can be spliced to the 2.5 mm connector for
the TH D7A

The unit specs are 999 knots; 6 g's

Just an idea if you can wait for the firmware upgrade.

--
73,
Kevin Kelly/N6QAB/
A&P licensed
http://www.qsl.net/n6qab

Dave Kaplan wrote:

> Since I want to use a D7A, I need a GPS that can Velcro into the co-pilots
> overhead window http://www.pionet.net/~dkaplan/CP-Window.jpg , possibly run
> on an internal battery, and work with the D7A but be less then 2" thick,
> and have no speed limitation. During decent sometimes I get up to over 400
> knots.
>
> Any suggestions or examples would be appreciated
>
> Dave
> WB0WNX-7 Commander Airmobile

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Re: Suggestion needed for airmobile operations

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Tue, 9 Feb 1999 18:12:07 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4384-1999.02.09-21.32.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Garmin GPS 35?

Wes
Email: kd4rdb@usa.net
Pager: kd4rdbpager@usa.net
APRS: http://www.qsl.net/kd4rdb/aprs.htm
My Location: http://map.aprs.net/kd4rdb-9
-----Original Message-----
From: Dave Kaplan <fluidpwr@m1.sprynet.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Tuesday, February 09, 1999 2:50 PM
Subject: [htaprs] Suggestion needed for airmobile operations

>I want to move from my current ARPS tracker built into a 50 cal ammo box to
>a D7A with a remote GPS. To give you an idea of the size of a Turbine
>Commander, look at http://www.pionet.net/~dkaplan/CG-Photo.jpg The aircraft
>cruises at about 300 knots between 27,000 and 31,000 feet. I am feeding a
>external antenna mounted by the tail with a BNC connector mounted on the
>pilots quadrant. A photo of the aircraft GPS (about $12,000 because it says
>FAA Approved) can be found at http://www.pionet.net/~dkaplan/KLN90B.jpg
>
>Since I want to use a D7A, I need a GPS that can Velcro into the co-pilots
>overhead window http://www.pionet.net/~dkaplan/CP-Window.jpg , possibly run
>on an internal battery, and work with the D7A but be less then 2" thick,
>and have no speed limitation. During decent sometimes I get up to over 400
>knots.
>
>Any suggestions or examples would be appreciated
>
>Dave
>WB0WNX-7 Commander Airmobile
>
>
>---
>You are currently subscribed to htaprs as: KD4RDB@BELLSOUTH.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] Dave Kaplan / Kevin's suggestion for the airplane GPS.

From: rwf <rwf@BSRG.org>
Date: Tue, 09 Feb 1999 22:50:18 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: Kevin Kelly <kkelly@Radix.Net>
Message-ID: <LYR845-4386-1999.02.09-22.13.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As some of you know, I installed and operated the APRS on the TV
Motorcycles and Helicopters for the '96 Summer Olympics in Atlanta. We
used flying digis, GPS, and DOS APRS to keep 5 helos over the 5 BMW camera
bikes so y'all could see what was happening in the Marathons, Bike Races
and Race Walking events.

I had a VERY difficult time attaching the Garmin Trackpac 35s to the inside
of the overhead window in the Bell Jet Ranger Helicopters for the Olympics.
There was not enough surface on the "mouse" to Velcro at all.

Kevin's idea would have probably worked well for me.

We ended up using LOTS of duct tape (also known as 100 mile an hour tape
in aviation circles) to attach it to the inside of the Plexiglass. This was

much to the chagrin of the pilots of these million dollar, borrowed Jet
Rangers!

And by the way, to further the discussion on DGPS- I did NOT use DGPS,
although it would have been nice. Not that we weren't ready, mind you- its
just that the Trackpack PC model had no DGPS input on the DB9 plug. I was
all set up to use DCI's differential service.

At 08:45 PM 02/09/1999 -0500, you wrote:
>Greetings:
>
>This suggestion is based on the TH D7A firmware update allowing the 4
>decimal place GPS's to work with the TH D7A.
>
>I would give the Garmin 35 TrakPack some thought.
>http://www.garmin.com/oemgps35TP.html It is 1.0 inch thick, 3.75 inches
>long, and 2.5 wide. The side that must be facing up, and therefore be
>velcroed, is sloped. So I would adapt the shape with a small wedge of
>stiff foam rubber contact cemented to the top of the GPS 35, then affix
>the velcro to the foam.
>
>The GPS 35 can be remotely powered by a 6 - 40 volt battery via the
>cable. The NMEA signal wires can be spliced to the 2.5 mm connector for
>the TH D7A
>
>The unit specs are 999 knots; 6 g's
>
>Just an idea if you can wait for the firmware upgrade.
>
>--
>73,
>Kevin Kelly/N6QAB/
>A&P licensed
>http://www.qsl.net/n6qab
>
>
>Dave Kaplan wrote:
>
>> Since I want to use a D7A, I need a GPS that can Velcro into the co-pilots
>> overhead window http://www.pionet.net/~dkaplan/CP-Window.jpg , possibly run
>> on an internal battery, and work with the D7A but be less then 2" thick,
>> and have no speed limitation. During decent sometimes I get up to over 400
>> knots.
>>
>> Any suggestions or examples would be appreciated
>>
>> Dave
>> WB0WNX-7 Commander Airmobile
>
>--
>73,
>Kevin Kelly/N6QAB
>http://www.qsl.net/n6qab
>
>---
>You are currently subscribed to htaprs as: RWF@BSRG.ORG
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Re: [HTAPRS:272] pocketAPRS Fantastic!

From: bobj <bobj@mediaone.net>
Date: Wed, 10 Feb 1999 11:33:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-4454-1999.02.10-10.37.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Where does one find "pocketAPRS", I just got a palmiii..

Ken Bass wrote:

> Mike has done a fantastic job with v. 0.22 of pocketAPRS. The integration

> with the TH-D7A works like a charm. It not only decodes Mic-E packets, it
> reads the GPRMC sentence if there is a GPS attached to the D7A, so it works
> like a full-function dual port or hardware single port GPS/TNC combination.
>
> (Now if we could only get Kenwood to fix the RMC decimal place bug, we could
> have a really neat, off the shelf minimalist GPS/TNC/RADIO mobile combo using,
> say GARMIN 35PC/pocketAPRS/TH-D7A! Also getting 3Com to lighten up on their
> tradename licensing would be nice. BTW, Mike, did you ask them about a
> low/no-cost "public interest" license to use "palmAPRS" with an appropriate
> disclaimer in the docs? Seems like they would *want* the free publicity!)
>
> Ken
> K4EVH

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62. [htaprs] Re: [HTAPRS:272] pocketAPRS Fantastic!

From: "Bass, Kenneth C., III" <kcbass@venable.com>
Date: Wed, 10 Feb 1999 11:54:07 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "'htaprs@tapr.org'" <htaprs@tapr.org>
Message-ID: <LYR845-4460-1999.02.10-10.55.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the TAPR SIG http://www.tapr.org
Follow the "Latest APRS software" links

Ken

-----Original Message-----
From: bounce-htaprs-3631@lists.tapr.org
[mailto:bounce-htaprs-3631@lists.tapr.org]On Behalf Of bobj
Sent: Wednesday, February 10, 1999 11:33 AM
To: TAPR HT APRS Special Interest Group
Cc: htaprs@tapr.org
Subject: [htaprs] Re: [HTAPRS:272] pocketAPRS Fantastic!

Where does one find "pocketAPRS", I just got a palmiii..

Ken Bass wrote:

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combination.
>
> (Now if we could only get Kenwood to fix the RMC decimal place bug, we
could
> have a really neat, off the shelf minimalist GPS/TNC/RADIO mobile combo
using,
> say GARMIN 35PC/pocketAPRS/TH-D7A! Also getting 3Com to lighten up on
their
> tradename licensing would be nice. BTW, Mike, did you ask them about a
> low/no-cost "public interest" license to use "palmAPRS" with an
appropriate
> disclaimer in the docs? Seems like they would *want* the free publicity!)
>
> Ken
> K4EVH

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****
This electronic mail transmission may contain confidential or
privileged information. If you believe that you have received
the message in error, please notify the sender by reply transmission
and delete the message without copying or disclosing it.
****

63. [htaprs] Re: Bounced a packet through R0MIR via TH-D7

From: Walter Dunckel <wdunckel@best.com>
Date: Wed, 10 Feb 1999 10:59:56 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
aprssig@tapr.org
Message-ID: <LYR845-4495-1999.02.10-13.14.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What's your callsign?
KM5HG is on my list of Mir Pass Data (data from East and West coast
Mir live data feeds)at:

http://www.best.com/~wdunckel/ham.html

If you have netscape just do a Edit then Find In Page then your
callsign.

Good luck!
Walter

Tim Russell wrote:
>
> Well, I just went out to the courtyard here at work in Council Bluffs, IA
> (Omaha) and bounced a packet through Mir at five watts with a quarter-wave
> whip.. Also heard one of the cosmonauts calling CQ as the packets were
> flying! Didn't get him to acknowledge me with two tries, but I suppose I
> should have let the schools try anyway.
>
> Received posits from KS4NG-7 and KM5HG in Erwin, TN and Claremore, OK
> respectively, as well as some ??s from several other stations.
>
> Hmm - I don't think this qualifies for a QSL, does it? They /did/ receive
> me and I'm sure someone else has a log to prove it...
>
> --
> "The biggest Y2K risk is that the impeachment hearings
> will be over and no famous people will have killed anyone
> lately."   -- Scott Adams
>
> ---
> You are currently subscribed to htaprs as: wdunckel@best.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] Re: [HTAPRS:272] pocketAPRS Fantastic!

From: bobj <bobj@mediaone.net>
Date: Wed, 10 Feb 1999 15:42:19 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-4513-1999.02.10-14.46.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all that responded.. Now to get it cabled and tried..

   Thanks again.. DE K1KAS-9

"Bass, Kenneth C., III" wrote:

>
>
> On the TAPR SIG http://www.tapr.org
> Follow the "Latest APRS software" links
>
> Ken
>
> -----Original Message-----
> From: bounce-htaprs-3631@lists.tapr.org
> [mailto:bounce-htaprs-3631@lists.tapr.org]On Behalf Of bobj
> Sent: Wednesday, February 10, 1999 11:33 AM
> To: TAPR HT APRS Special Interest Group
> Cc: htaprs@tapr.org
> Subject: [htaprs] Re: [HTAPRS:272] pocketAPRS Fantastic!
>

> Where does one find "pocketAPRS", I just got a palmiii..
>
> Ken Bass wrote:
>
> > Mike has done a fantastic job with v. 0.22 of pocketAPRS. The
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> > with the TH-D7A works like a charm. It not only decodes Mic-E
> packets, it
> > reads the GPRMC sentence if there is a GPS attached to the D7A, so
> it works
> > like a full-function dual port or hardware single port GPS/TNC
> combination.
> >
> > (Now if we could only get Kenwood to fix the RMC decimal place bug,
> we could
> > have a really neat, off the shelf minimalist GPS/TNC/RADIO mobile
> combo using,
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> about a
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> appropriate
> > disclaimer in the docs? Seems like they would *want* the free
> publicity!)
> >
> > Ken
> > K4EVH
>
> ---
> You are currently subscribed to htaprs as: KEN@BASSANDCO.COM
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65. [htaprs] Re: D7A Antenna Replacement

From: "Jim Piazza" <jap@ix.netcom.com>
Date: Wed, 10 Feb 1999 17:44:15
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4525-1999.02.10-17.45.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 02/09/99, "dave vanhorn <dvanhorn@cedar.net>" wrote:
> At 11:30 AM 2/9/99 -0600, Scupper wrote:
> >That's it for me! The cat comment put me over the edge. I'll be looking
> >for the Comet SMA24 in Orlando this weekend.
>
> You have to watch them, I worry that they'll get it in the eye, but maybe I
> worry too much, they play with sharp toys all their lives (20 each, plus
> teeth) and their reactions are SO much faster than ours.

Got one of the Comet SMA24. I did the trick. As a bouns not only does it work on cats but my dog likes it also. It is just hard to keep my 80 pound lab from knocking me over when it talk on the radio. Must work on some retraining. Thanks for the help.

Jim
KF6SRE

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66. [htaprs] Re: Suggestion needed for airmobile operations

From: Kevin Kelly <kkelly@Radix.Net>
Date: Wed, 10 Feb 1999 19:10:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-4533-1999.02.10-18.11.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings.

On the way to work I came up with a better way to mount the GPS-35 http://www.garmin.com/oemgps35TP.html to the copilots window. Using two of the window trim retaining screws (as seen in the picture) attach a 2 inch wide 16 inch long? velcro strap running diagonally to each screw. Leave enough slack to slip in the GPS 35 that has adhesive backed velcro attached to its bottom. The velcro strap can be adjusted for tension or removed altogether if you make two small attachment tabs with eyelets

picking up the screw that hold the trim in. Here is how I would do it.

Cover the bottom of the GPS 35 with adhesive backed velcro (pile)
available at Radio Shack. Go to your local Ace hardware store and get
about 18 inches of 2 inch wide (hook), non adhesive backed velcro and 6
inches of non adhesive backed (pile) velcro. Also get a package of those
brass eyelets that they sell to fix tarps and tents. Cut the 6 inch
piece in half. Make two of the following tabs. Double over 1 inch on to
itself leaving exposed a 1 inch section of pile. Punch a hole through
the doubled velcro. Punch in a brass eyelet. Now remove the aft outboard
trim mounting screw. Line up the eyelet hole with the screw hole and
reinstall the screw. Do the same with the screw that is diagonal to the
first. Now place the GPS 35 on the velcro strap. Hook one end of the
strap to the tab (GPS face up:>). Hold a little tension on the strap,
the fasten the other end to the other tab. You may want to put some
"moleskin" on top of the GPS to keep it from rubbing on the window. You
may have to play with the geometry of the strap for the optimum
position. You could get really slick and put a D ring in one of the tab
to give you an easily adjusted strap. It is a little hard to judge the
radius of the window, so the GPS may not snug up against the window.
That is ok as long as doesn't sag to low or roll upside down. If it has
a tendency to roll you may want to consider some popsicle stick out
riggers.

My creative burst for the day. Hope it works out for you.

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

> Subject: [htaprs] Suggestion needed for airmobile operations
>

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67. [htaprs] Re: Suggestion needed for airmobile operations

From: "Ken Bording" <bordingk@mediaone.net>
Date: Wed, 10 Feb 1999 19:40:09 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4535-1999.02.10-18.43.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone try the suction cup mounting system sold by Garmin for the 35? I
bought one and it works great in C-172s and helicopters.

de W5KNB
Ken
-----Original Message-----
From: Kevin Kelly <kkelly@Radix.Net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Wednesday, February 10, 1999 7:10 PM
Subject: [htaprs] Re: Suggestion needed for airmobile operations

>Greetings.
>
>On the way to work I came up with a better way to mount the GPS-35
>http://www.garmin.com/oemgps35TP.html to the copilots window. Using two
>of the window trim retaining screws (as seen in the picture) attach a 2
>inch wide 16 inch long? velcro strap running diagonally to each screw.
>Leave enough slack to slip in the GPS 35 that has adhesive backed velcro
>attached to its bottom. The velcro strap can be adjusted for tension or
>removed altogether if you make two small attachment tabs with eyelets
>picking up the screw that hold the trim in. Here is how I would do it.
>
>Cover the bottom of the GPS 35 with adhesive backed velcro (pile)
>available at Radio Shack. Go to your local Ace hardware store and get
>about 18 inches of 2 inch wide (hook), non adhesive backed velcro and 6
>inches of non adhesive backed (pile) velcro. Also get a package of those
>brass eyelets that they sell to fix tarps and tents. Cut the 6 inch
>piece in half. Make two of the following tabs. Double over 1 inch on to
>itself leaving exposed a 1 inch section of pile. Punch a hole through
>the doubled velcro. Punch in a brass eyelet. Now remove the aft outboard

>trim mounting screw. Line up the eyelet hole with the screw hole and
>reinstall the screw. Do the same with the screw that is diagonal to the
>first. Now place the GPS 35 on the velcro strap. Hook one end of the
>strap to the tab (GPS face up:>). Hold a little tension on the strap,
>the fasten the other end to the other tab. You may want to put some
>"moleskin" on top of the GPS to keep it from rubbing on the window. You
>may have to play with the geometry of the strap for the optimum
>position. You could get really slick and put a D ring in one of the tab
>to give you an easily adjusted strap. It is a little hard to judge the
>radius of the window, so the GPS may not snug up against the window.
>That is ok as long as doesn't sag to low or roll upside down. If it has
>a tendency to roll you may want to consider some popsicle stick out
>riggers.
>
>My creative burst for the day. Hope it works out for you.
>
>--
>73,
>Kevin Kelly/N6QAB
>http://www.qsl.net/n6qab
>
>
>> Subject: [htaprs] Suggestion needed for airmobile operations
>>
>
>---
>You are currently subscribed to htaprs as: BORDINGK@MEDIAONE.NET
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>
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68. [htaprs] Re: Suggestion needed for airmobile operations

From: Kevin Kelly <kkelly@Radix.Net>
Date: Wed, 10 Feb 1999 19:45:48 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-4536-1999.02.10-18.46.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I keep forgetting about the suction cup mount. That could be the way to
go.
Good idea.

Ken Bording wrote:
>
> Anyone try the suction cup mounting system sold by Garmin for the 35? I
> bought one and it works great in C-172s and helicopters.
>
> de W5KNB
> Ken

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] Re: Suggestion needed for airmobile operations

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Wed, 10 Feb 1999 19:47:39 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4537-1999.02.10-18.49.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have one of those motorola GPS antennas that looks like a gas cap. I've
thought of cutting a strip of metal that is a few inches wide, and 6 inches
long. Since this antenna mounts in a 5/8" hole, I'd drill a hole in one end
and mount the antenna to it. For the other end, I would remove the sunvisor
and drill holes in the strip of metal to match the screw holes in the
sunvisor mount. Placing the sunvisor back against the headliner would
sandwitch the metal strip between the headliner and sunvisor, with the GPS

unit hanging down into the glass of the windshield. Maybe a little peice of
a sponge or foam could prevent annoying rattle when vibration makes the GPS
vibrate against the glass.

ANother suggestion for a plane is this... Is the roof metal? if not, then
mount the GPS antenna to the inside of the roof... maybe above the
headliner.

Wes
Email: kd4rdb@usa.net
Pager: kd4rdbpager@usa.net
APRS: http://www.qsl.net/kd4rdb/aprs.htm
My Location: http://map.aprs.net/kd4rdb-9
-----Original Message-----
From: Kevin Kelly <kkelly@Radix.Net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Wednesday, February 10, 1999 7:10 PM
Subject: [htaprs] Re: Suggestion needed for airmobile operations

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>
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>http://www.garmin.com/oemgps35TP.html to the copilots window. Using two
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>riggers.
>
>My creative burst for the day. Hope it works out for you.
>
>--
>73,
>Kevin Kelly/N6QAB
>http://www.qsl.net/n6qab
>
>
>> Subject: [htaprs] Suggestion needed for airmobile operations
>>
>
>---
>You are currently subscribed to htaprs as: KD4RDB@BELLSOUTH.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] Evening MIR pass

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Wed, 10 Feb 1999 20:23:51 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HTAPRS" <htaprs@tapr.org>
Message-ID: <LYR845-4543-1999.02.10-19.24.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Attempted to raise MIR as my first every QSL this evening (and using a
D7A!)...managed to get a ??ROMIR but received a firm UI from K5PK In
northern North Carolina. Had two other questionable UIs (I believe that is
what the "??" indicates before the call sign) that I wasn't able to copy
down. Will try again tomorrow morning.
73
Jay/KF4DBI

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] A suggetstion for TH-D7A owners

From: "Erich Berman" <erich@berman.org>
Date: Wed, 10 Feb 1999 19:45:05 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4546-1999.02.10-19.46.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All,

Now that Kenwood has released the D7A programmer software I would like to
make a suggestion to TAPR or to whom ever wants to take it up.

I'd like to see a central repository set up where the .D7 files for the Kenwood Th-
D7A ht could be sent to, stored and downloaded from. It should be accessable
by all for both uploading and downloading. Since it is soo easy to program the
D7A and since this is a geographically diverse group, having the files available
for download would allow for sharing within a single community, state or region.
It would also allow people who are travelling in your to have instant access to
your favorite repeaters and listening frequencies. Public service groups like
ARES could make files available to volunteers and listeners alike.

Who can take up this suggestion and make it happen?

Erich N9RTM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] RE: A suggestion for TH-D7A owners

From: "Kevin Kelly" <kkelly@radix.net>
Date: Thu, 11 Feb 1999 06:34:37 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4603-1999.02.11-05.37.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great idea!

I would be happy to put the repository on my webpage. But I suspect TAPR
would like to do it. Either way I'm ready to keep the ball rolling. Anybody
have a file they would like to share?.

I'd like to see a central repository set up where the .D7 files for the
Kenwood Th-
D7A ht could be sent to, stored and downloaded from.

Erich N9RTM

73,
Kevin Kelly/N6QAB
kkelly@radix.net
http://www.qsl.net/n6qab

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73. [htaprs] KenCam (VC-H1) APRS freq suggestions for Dayton?

From: "Kevin Kelly" <kkelly@radix.net>
Date: Thu, 11 Feb 1999 06:40:19 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4602-1999.02.11-05.37.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings SIG,

I am planning on bringing a VC-H1 to Dayton. I was wondering if there are
any other APRS folks doing the same? If so, perhaps we can agree on a common
freq and settings for the TH D7A that we will have attached to the KenCam.
Any suggestions?

73,
Kevin Kelly/N6QAB
kkelly@radix.net
http://www.qsl.net/n6qab

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74. [htaprs] RE: A suggestion for TH-D7A owners

From: "Erich Berman" <erich@berman.org>
Date: Thu, 11 Feb 1999 08:09:35 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4636-1999.02.11-08.10.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

From: "Kevin Kelly" <kkelly@radix.net>
To: "TAPR HT APRS Special Interest Group"
<htaprs@lists.tapr.org >
Subject: [htaprs] RE: A suggestion for TH-D7A owners
Date sent: Thu, 11 Feb 1999 06:34:37 -0500

Here is a .D7 file to get a library started. It is plain text so can be cut and
pasted. A binary transfer would be better but until a respository is set up this
will have to do. Files may require a bit of manual editing until then.

This file is my own from Milwaukee, WI. It is a little sparse since I'm still
working on it. It does have many of the common ham, public service and
aviation frequencies, though.

If you send one of your own make sure to remove personal references like call
sign and location.

Any others out there care to contribute?

ATTACHED FILE FOLLOWS:
_____

```
COMMENT
Sample Milwaukee, WI frequencies.
MEMORY
000     00144390000     0       0       0       0       0
20              09      000600000       1
        APRSsimp
001     00145130000     0       2       0       1       0
20              20      000600000       0
         MAARS
002     00146670000     0       2       0       1       0
20              20      000600000       0
        MKE ARES
003     00146820000     0       2       0       1       0
20              20      000600000       0
        SEWFARS
004     00146910000     0       2       0       1       0
20              20      000600000       0
          MRC
005     00146970000     0       2       0       1       0
20              20      000600000       0
        OZ RAC
006     00145170000     0       2       0       0       0
20              20      000600000       0
        WA RAC
007     00145390000     0       2       0       0       0
20              20      000600000       0
```

```
        ?
008     00146490000     0       0       0       0       0
20              20      000600000       0
        SIMP .49
009     00146520000     0       0       0       0       0
20              20      000600000       0
        SIMP .52
010     00146550000     0       0       0       0       0
20              20      000600000       0
        SIMP .55
011     00146790000     0       2       0       1       0
20              20      000600000       0
        MSOE
012     00146850000     0       2       0       1       0
20              20      000600000       0
        MICORS
013     00147045000     0       1       0       0       0
20              20      000600000       0
        MRAC
014     00147165000     0       1       0       1       0
20              20      000600000       0
        WB9SDD
020     00154295000     0       0       0       0       0
09              09      000600000       0
        FIRECOM
021     00155340000     0       0       0       0       0
09              09      000600000       0
        AMB2HOSP
022     00155370000     0       0       0       0       0
09              09      000600000       0
        POL P2P
023     00155475000     0       0       0       0       0
09              09      000600000       0
        WISPERN
025     00155445000     0       0       0       0       0
09              09      000600000       0
        WSP D2
026     00155935000     0       0       0       0       0
09              09      000600000       0
        WSP D3
027     00151460000     0       0       0       0       0
09              09      000600000       0
        WSP SQ
028     00155130000     0       0       0       0       0
09              09      000600000       0
        WAUK SH
029     00155595000     0       0       0       0       0
09              09      000600000       0
        WASH SH
030     00155575000     0       0       0       0       0
09              09      000600000       0
        RAC SHR
031     00155995000     0       0       0       0       0
09              09      000600000       0
        KENO SHR
032     00154385000     0       0       0       0       0
19              19      000600000       0               00153770000
0               MFD
033     00153830000     0       0       0       0       0
09              09      000600000       0
        MFD FG
034     00155640000     0       0       0       0       0
09              09      000600000       0               00154650000
0               MPD SWAT
035     00158790000     0       0       0       0       1
33              33      000600000       0               00155850000
0               WPD Disp
036     00158730000     0       0       0       0       0
09              09      000600000       0
        WPD SQ
037     00159120000     0       0       0       0       0
09              09      000600000       0
        WFD Disp
038     00154070000     0       0       0       0       0
09              09      000600000       0
        WFD FG
126     00443800000     0       1       0       1       0
17              17      000600000       0
        FM 38
```

```
127     00444125000     0       1       0       0       0
17              17      000600000       0
        SEWFARS
131     00462950000     0       0       0       0       0
09              09      000600000       0
        ParaMedN
132     00462975000     0       0       0       0       0
09              09      000600000       0
        ParaMedS
141     00460075000     0       0       0       0       1
23              23      000600000       0
        MPD F1
142     00460225000     0       0       0       0       1
23              23      000600000       0
        MPD F2
143     00460350000     0       0       0       0       1
23              23      000600000       0
        MPD F3
144     00460450000     0       0       0       0       1
23              23      000600000       0
        MPD F4
145     00460150000     0       0       0       0       1
23              23      000600000       0
        MPD F5
146     00460025000     0       0       0       0       1
23              23      000600000       0
        MPD F6
147     00460375000     0       0       0       0       1
30              30      000600000       0
        MPD F7
148     00460475000     0       0       0       0       1
30              30      000600000       0
        MPD F8
149     00460175000     0       0       0       0       1
30              30      000600000       0
        MPD F9
150     00460300000     0       0       0       0       1
30              30      000600000       0
        MPD F10
151     00460425000     0       0       0       0       1
30              30      000600000       0
        MPD F11
152     00460200000     0       0       0       0       1
23              23      000600000       0
        MPDF12SE
153     00460500000     0       0       0       0       1
17              17      000600000       0
        MPDF13VI
154     00460275000     0       0       0       0       1
09              09      000600000       0
        MPDGangs
155     00460600000     0       0       0       0       1
09              09      000600000       0
        MPDTact
156     00460125000     0       0       0       0       1
17              17      000600000       0
        MPDF16MA
157     00453225000     0       0       0       0       1
22              22      000600000       0
        MKESHF1
158     00453100000     0       0       0       0       1
22              22      000600000       0
        MKESHF3
159     00453425000     0       0       0       0       0
09              09      000600000       0
        MKESHF5
160     00453875000     0       0       0       0       0
09              09      000600000       0
        MKESHF7
176     00118000000     0       0       0       0       0
09              09      000600000       0       1
        MKE AP-B
177     00119100000     0       0       0       0       0
09              09      000600000       0       1
        MKE TWR
178     00119650000     0       0       0       0       0
09              09      000600000       0       1
        MKE DE-B
179     00121500000     0       0       0       0       0
```

```
09              09      000600000       0       1
        MKE EMRG
180     00120800000     0       0       0       0       0
09              09      000600000       0       1
        MKE IFR?
181     00121800000     0       0       0       0       0
09              09      000600000       0       1
        MKE GND
182     00125350000     0       0       0       0       0
09              09      000600000       0       1
        MKE DE-A
183     00126400000     0       0       0       0       0
09              09      000600000       0       1
        ATISinfo
184     00126500000     0       0       0       0       0
09              09      000600000       0       1
        MKE AP-A
185     00127850000     0       0       0       0       0
09              09      000600000       0       1
        MKE ASG?
186     00139500000     0       0       0       0       0
09              09      000600000       0
        MKE OPS
190     00129275000     0       0       0       0       0
09              09      000600000       0       1
        Flt4Life
191     00129325000     0       0       0       0       0
09              09      000600000       0       1
        American
192     00130975000     0       0       0       0       0
09              09      000600000       0       1
        ATA Air
193     00129925000     0       0       0       0       0
09              09      000600000       0       1
        Cont.Air
194     00129500000     0       0       0       0       0
09              09      000600000       0       0
        Delta 1
195     00129600000     0       0       0       0       0
09              09      000600000       0
        Delta 2
196     00130825000     0       0       0       0       0
09              09      000600000       0
        Midex
197     00129550000     0       0       0       0       0
09              09      000600000       0
        NWAir
198     00129300000     0       0       0       0       0
09              09      000600000       0       0
        United
199     00162400000     0       0       0       0       0
09              09      000600000       0
        USWS SUL
CALL
0       00144000000     0       0       0       0       0
09              09      000600000               0
1       00440000000     6       0       0       0       0
09              09      005000000               0
VFO
1       00135987500     3       0       0       0       0
09              09      000000000               1

2       00162400000     0       0       0       0       0
20              09      000600000               0                       0
3       00147000000     0       1       0       1       0
20              09      000600000               0

6       00440000000     6       0       0       0       0
09              09      005000000
0
6       00443000000     6       0       0       0       0
09              09      005000000               0                       0
DTMF
RADIO MENU
0
1

0,
0,
```

1
0
0
0
1
0
2
1
0
1
StartDisp

0
5
0
1
1
0
0
1
0
0
0
1   00118   00135
2   00136   00173
3   00144   00147
6   00400   00479
APRS MENU
NOCALL
Statustexthere
2
0
00000001000000001
0,1
0
000
2
0000
2
APK001
0
RELAY,WIDE
SSTV MENU

7

7

7
SKY COMMAND MENU
NOCALL
NOCALL
09

> Great idea!
>
> I would be happy to put the repository on my webpage. But I suspect TAPR
> would like to do it. Either way I'm ready to keep the ball rolling.
> Anybody have a file they would like to share?.
>
>
> I'd like to see a central repository set up where the .D7 files for the
> Kenwood Th- D7A ht could be sent to, stored and downloaded from.
>
> Erich N9RTM
>
> 73,
> Kevin Kelly/N6QAB
> kkelly@radix.net
> http://www.qsl.net/n6qab

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75. [htaprs] MIR Pass 1416Z 11FEB99

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Thu, 11 Feb 1999 09:36:41 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HTAPRS" <htaprs@tapr.org>
Message-ID: <LYR845-4646-1999.02.11-08.37.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

RECEIVED MESSAGE FROM MIR ON D7A!!!!! Also heard from KF4BXT north of
Orlando, FL (my location is just north of Ft. Lauderdale, FL.) Momentarily
saw another station twice with the "??" in front of call sign (didn't record
though) plus ??ROMIR. What does the ?? indicate?

73
Jay/KF4DBI

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76. [htaprs] RE:MIR Pass 1416Z 11FEB99

From: "Schayk A.H. van" <A.H.Schayk@exchange.arcadis.nl>
Date: Thu, 11 Feb 1999 15:47:52 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: HTAPRS <htaprs@tapr.org>
Message-ID: <LYR845-4651-1999.02.11-08.48.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op donderdag 11 februari 1999 15:37, heeft Jay K. Jeffries
[SMTP:bottomgun@mindspring.com] geschreven:
> RECEIVED MESSAGE FROM MIR ON D7A!!!!! Also heard from KF4BXT north of
> Orlando, FL (my location is just north of Ft. Lauderdale, FL.)
Momentarily
> saw another station twice with the "??" in front of call sign (didn't
record
> though) plus ??ROMIR. What does the ?? indicate?
>
> 73
> Jay/KF4DBI
>
If I remember the manual correctly ?? means a non aprs frame, i'm not sure
how the th-d7 reacts to connected frames

My th-d7e is in the shop for repears right now (dc accident) so i cant try
this for my self but nice to see that aprs via mir works with the beast

73 de Andre PE1RDW
=5144.00N/00508.00E#PHG7260/WIDE APRSdigi Oud-Heusden

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77. [htaprs] Re: [aprssig] MIR Pass 1416Z 11FEB99

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 11 Feb 1999 10:09:07 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
        HTAPRS <htaprs@tapr.org>
Message-ID: <LYR845-4655-1999.02.11-09.10.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 11 Feb 1999, Jay K. Jeffries wrote:

> RECEIVED MESSAGE FROM MIR ON D7A!!!!! Also heard from KF4BXT north of
> Orlando, FL (my location is just north of Ft. Lauderdale, FL.) Momentarily
> saw another station twice with the "??" in front of call sign (didn't record
> though) plus ??ROMIR. What does the ?? indicate?

Thats a packet that the THD7 cannot figure out. Many if not most of the
people on MIR are not APRS, and although they are sending UI frames, they
are not in APRS format, so the THD7 doesnt know what to do with them.
So, it puts a ??? in front of them...

bob

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78. [htaprs] APRS & MIR, Freq?

From: "Mark Pedroia" <kf6tys@hotmail.com>
Date: Thu, 11 Feb 1999 07:56:50 PST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4657-1999.02.11-09.57.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those of you who have received packet info from MIR, are you
receiving this on APRS 144.39 or another freq.

If the freq is different, could you provide it so others could give it a
shot?

Thanks

Mark Pedroia
KF6TYS
kf6tys@hotmail.com

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] RE: APRS & MIR, Freq?

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Thu, 11 Feb 1999 11:07:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4658-1999.02.11-10.09.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

145.985 MHz

-----Original Message-----
From: bounce-htaprs-3596@lists.tapr.org
[mailto:bounce-htaprs-3596@lists.tapr.org]On Behalf Of Mark Pedroia
Sent: Thursday, February 11, 1999 10:57 AM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] APRS & MIR, Freq?

For those of you who have received packet info from MIR, are you
receiving this on APRS 144.39 or another freq.

If the freq is different, could you provide it so others could give it a
shot?

Thanks

Mark Pedroia
KF6TYS
kf6tys@hotmail.com

_____
Get Your Private, Free Email at http://www.hotmail.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

80. [htaprs] MIR Pass 1651Z 11FEB99

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Thu, 11 Feb 1999 11:11:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HTAPRS" <htaprs@tapr.org>
Message-ID: <LYR845-4662-1999.02.11-10.12.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Did not hear MIR on this pass but did receive a UI packet from W8XF-7 835 sm
North (355 deg.) from my position.
73 de Jay KF4DBI

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81. [htaprs] Re: [aprssig] MIR

From: "bob" <w2g3zfj@unix.asb.com>
Date: Thu, 11 Feb 1999 11:17:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-4665-1999.02.11-10.17.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi again, anyone got a log file for the 1600UTC pass? I think Bob's server
missed my packets (although I know I saw them being digi'd!!)

73 de bob
-----Original Message-----
From: bob <w2g3zfj@UNIX.ASB.COM>
To: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
Date: Thursday, 11 February, 1999 11:33
Subject: [aprssig] MIR

>Hey, really impressed, just went out to the car park (Long Island, NY) for
>the 1600UTC pass and got two packets didgi'd barefoot with the THD7-A. Also
>saw the R0MIR message and w8xf-7 and ks4ng-6 plus several ?? packets.
>
>Excellent!!!!
>
>
>73 de bob
>w2/g3zfj
>
>
>
>
>
>
>---
>You are currently subscribed to aprssig as: W2G3ZFJ@UNIX.ASB.COM
>To unsubscribe send a blank email to leave-aprssig-1669W@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] Re: KenCam (VC-H1) APRS freq suggestions for Dayton?

From: Kenwood <cuyeda@ix.netcom.com>
Date: Thu, 11 Feb 1999 08:51:21 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: kenwood@qth.net
Message-ID: <LYR845-4672-1999.02.11-10.54.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This a great idea! A large video monitor attached to the VC-H1 can be
placed in the Kenwood main booth. VC-H1 owners can then send pictures from
around the Dayton area to share with people in the booth.

At 06:40 AM 2/11/99 -0500, Kevin Kelly wrote:
>Greetings SIG,
>
>I am planning on bringing a VC-H1 to Dayton. I was wondering if there are
>any other APRS folks doing the same? If so, perhaps we can agree on a common
>freq and settings for the TH D7A that we will have attached to the KenCam.
>Any suggestions?

>
>73,
>Kevin Kelly/N6QAB
>kkelly@radix.net
>http://www.qsl.net/n6qab

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] Re: [aprssig] Re: MIR

From: "John Harmon" <w8dro@newwave.net>
Date: Thu, 11 Feb 1999 12:00:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-4678-1999.02.11-11.03.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: bob <w2g3zfj@unix.asb.com>
To: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
Cc: htaprs@tapr.org <htaprs@tapr.org>
Date: Thursday, February 11, 1999 11:18 AM
Subject: [aprssig] Re: MIR

>Hi again, anyone got a log file for the 1600UTC pass? I think Bob's server
>missed my packets (although I know I saw them being digi'd!!)
>
>73 de bob

Bob, here is what i copied, missed the first half of the pass, wrong freq,
oh well...

John

R0MIR-1>KG9HP/1: <<DM>>:
R0MIR-1>WF1F/1: <<rr6>>:
R0MIR-1>WF1F/1: <<rr7>>:
R0MIR-1>WF1F/1: <<D>>:
W8XF-7>SXRQ2Y,R0MIR/1: <<UI>>:
`m@6l k/>

VE3JAT>CQ,R0MIR*/1: <<UI>>:

R0MIR-1>N2OEQ/1: <<UA>>:
R0MIR-1>N2OEQ/1: <<I00>>:
[KPC9612P-8.1-HM$]
31665 BYTES AVAILABLE
THERE ARE 60 MESSAGES NUMBERED 1225-1324
ENTER COMMAND: B,J,K,L,R,S, or Help >

R0MIR>CM87ST/1: <UI>:
]0[PHG5@55 Hello to all schools World Wide (position over the Golden Gate){0

R0MIR-1>N2OEQ/1: <<rr0>>:

cmd:R0MIR>BEACON/1: <UI>:
Kids are our Future in Space so study Hard - The MIREX TEAM

R0MIR-1>N2OEQ/1: <<rr0>>:
R0MIR-1>N2OEQ/1: <<rr1>>:
R0MIR-1>N2OEQ/1: <<I11>>:
31640 BYTES AVAILABLE
SUBJECT:
W2UH>FN20TR,R0MIR*/1: <<UI>>:
Hi from Otmar, Chatham, NJ w2uh@arrl.net

R0MIR-1>N2OEQ/1: <<rr2>>:
R0MIR-1>N2OEQ/1: <<I22>>:

ENTER MESSAGE 1325--END WITH CTRL-Z OR /EX ON A SINGLE LINE

R0MIR-1>N1WCL/1: <<DM>>:
R0MIR-1>N2OEQ/1: <<rr2>>:
W8XF-7>SXRQ2X,R0MIR/1: <<UI>>:

```
`m@5l k/>

W1TYL>APR830,R0MIR*/1: <UI>:
=4127.37N/07210.13WK TYL Middle School A.R.C.  Oakdale, CT

R0MIR-1>N2OEQ/1: <<rr3>>:
W8XF-7>SXRQ2X,R0MIR/1: <<UI>>:
`m@5l k/>

R0MIR-1>N2OEQ/1: <<rr5>>:
R0MIR-1>N2OEQ/1: <<I35>>:
MESSAGE SAVED
ENTER COMMAND:  B,J,K,L,R,S, or Help >

R0MIR>QST/1: <UI>:
:BLNA     :The MIR CREW extends greetings to all schools and hams world
wide.

KB1PZ>FN42IV,R0MIR*/1: <UI>:
]y[Hello to all from NH - BGHS '76, MTU '80

R0MIR-1>N2OEQ/1: <<rr6>>:
R0MIR-1>N2OEQ/1: <<D>>:
W8XF-7>SXRQ2X,R0MIR/1: <<UI>>:
`m@6l*k/>

VE3JAT>CQ,R0MIR*/1: <<UI>>:


W8XF-7>SXRQ2X,R0MIR*/1: <<UI>>:
`m@6l*k/>

R0MIR-1>N1WCL/1: <<I00>>:
[KPC9612P-8.1-HM$]
31399 BYTES AVAILABLE
THERE ARE 61 MESSAGES NUMBERED 1225-1325
ENTER COMMAND:  B,J,K,L,R,S, or Help >

W8XF-7>SXRQ2X,R0MIR/1: <<UI>>:
`m@6l*k/>

G3ZFJ-7>T0TV3Q,R0MIR*/1: <<UI>>:
`eZ|l [/>W2G3ZFJ@UNIX.ASB.COM

N8IGJ>CQ,R0MIR*/1: <<UI>>:

cmd:N8IGJ>CQ,R0MIR*/1: <<UI>>:

VA3HRA-7>VE1AMA,R0MIR*/1: <<C>>:
R0MIR-1>N1WCL/1: <<RR0>>:
R0MIR-1>VE2MJY/1: <<DM>>:
N3JLQ>APRS,R0MIR*/1: <<UI>>:
hello schools from Maine!

R0MIR-1>VE2MJY/1: <<DM>>:



---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

84. [htaprs] Re: [aprssig] MIR Pass 1416Z 11FEB99

```
From: David Dobbins <ddobbins@localaccess.com>
Date: Thu, 11 Feb 99 09:36:54 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>,
        "HTAPRS" <htaprs@tapr.org>
Message-ID: <LYR845-4696-1999.02.11-11.38.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

I saw the ??R0MIR yesterday (Wednesday) on my TH-D7A on a late afternoon pass also. I had four stations up and running, in hopes to get at least one hop thru MIR. I haven't checked the log yet this morning, as our network was down for awhile. Another pass coming at about 10:30 am PST maybe. Dave/K7GPS, Pe Ell School MIREX/APRS Team Leader

David S. Dobbins/K7GPS
NWAPRS Coordinator

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85. [htaprs] Re: KenCam (VC-H1) APRS freq suggestions for Dayton?

From: "Kevin Kelly" <kkelly@radix.net>
Date: Thu, 11 Feb 1999 13:11:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <kenwood@qth.net>
Message-ID: <LYR845-4717-1999.02.11-12.12.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Glad you liked the idea. Can Kenwood arrange for an external antenna
somewhere at Hara. I think we may need it to get a signal in. Also, any
thoughts on freq and band to be used.

On Behalf Of Kenwood
Sent: Thursday, February 11, 1999 11:51 AM
To: TAPR HT APRS Special Interest Group
Cc: kenwood@qth.net
Subject: [htaprs] Re: KenCam (VC-H1) APRS freq suggestions for Dayton?

This a great idea! A large video monitor attached to the VC-H1 can be
placed in the Kenwood main booth. VC-H1 owners can then send pictures from
around the Dayton area to share with people in the booth.

73,
Kevin Kelly/N6QAB
kkelly@radix.net
http://www.qsl.net/n6qab

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] Re: KenCam (VC-H1) APRS freq suggestions for Dayton?

From: Steve Dimse K4HG <k4hg@tapr.org>
Date: Thu, 11 Feb 1999 13:14:07 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <kenwood@qth.net>
Message-ID: <LYR845-4718-1999.02.11-12.15.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 2/11/99 1:11 PM Kevin Kelly (kkelly@radix.net) wrote:

>Glad you liked the idea. Can Kenwood arrange for an external antenna
>somewhere at Hara. I think we may need it to get a signal in. Also, any
>thoughts on freq and band to be used.
>
>On Behalf Of Kenwood
>Sent: Thursday, February 11, 1999 11:51 AM
>To: TAPR HT APRS Special Interest Group
>Cc: kenwood@qth.net
>Subject: [htaprs] Re: KenCam (VC-H1) APRS freq suggestions for Dayton?
>
>
>This a great idea! A large video monitor attached to the VC-H1 can be
>placed in the Kenwood main booth. VC-H1 owners can then send pictures from
>around the Dayton area to share with people in the booth.
>
Better would be a repeater somewhere nearby...anyone know any local that
might be interested in offering use of their repeater?

Steve K4HG

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

87. [htaprs] Re: APRS & MIR, Freq?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 11 Feb 1999 13:26:20 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-4720-1999.02.11-12.27.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 11 Feb 1999, Mark Pedroia wrote:

> For those of you who have received packet info from MIR, are you
> receiving this on APRS 144.39 or another freq.

145.985 is MIR freq for packet and SSTV for now..

de WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

88. [htaprs] Re: [aprssig] MIR

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 11 Feb 1999 13:27:37 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
htaprs@tapr.org
Message-ID: <LYR845-4721-1999.02.11-12.29.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 11 Feb 1999, bob wrote:

> Hi again, anyone got a log file for the 1600UTC pass? I think Bob's server
> missed my packets (although I know I saw them being digi'd!!)

I suspect my web page receiver is kinda deaf... sri..
bob

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89. [htaprs] TH-D7a Modification Procedure

From: Walter Dunckel <wdunckel@best.com>
Date: Thu, 11 Feb 1999 15:43:39 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4787-1999.02.11-17.46.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The procedure for performing a TX mod for the TH-D7a is described on
my website at:

http://www.best.com/~wdunckel

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

90. [htaprs] R0MIR Pass 1444Z 12FEB99

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Fri, 12 Feb 1999 10:07:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HTAPRS" <htaprs@tapr.org>
Message-ID: <LYR845-4899-1999.02.12-09.09.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Very successful pass...was able to connect twice with D7A (KF4DBI-7) with
whip antenna and received a message 3 times from R0MIR. Stations digipeated
through R0MIR included KS4NG-6 in Knoxville, Tennessee and N4ZG outside of
St. Petersburg, FL (also received a message). Additional had unrecorded
contact with 3 other stations.

My base station (KF4DBI) also saw KD4NG-6 and N4ZG plus KC5TRB-3 in
Oklahoma.

Next pass I will be trying PocketAPRS...unfortunately cannot alter the PATH
to R0MIR yet under CUSTOM.

73 de Jay KF4DBI

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

91. [htaprs] ATV (off-topic)

From: "Mark A. Keiser" <mkeiser@isi.com>
Date: Fri, 12 Feb 1999 09:55:51 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HTAPRS" <htaprs@tapr.org>
Message-ID: <LYR845-4918-1999.02.12-12.05.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know that this is off topic, but I have a question:

I just bought the VC-H1 for use with my D7A. Can anyone lead me to repeaters
in the San Francisco bay Area that I can use to send and/or receive pix from?

Mark
N4OGL

Mark A. Keiser (mkeiser@isi.com)
Corporate Contracts, Integrated Systems, Inc.
201 Moffett Park Drive, Sunnyvale, California 94089
Voice: 408-542-1549   Fax: 408-542-1950

See us on the Worldwide Web: http://www.isi.com

92. [htaprs] Re: ATV (off-topic)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 12 Feb 1999 15:33:25 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        HTAPRS <htaprs@tapr.org>
Message-ID: <LYR845-4947-1999.02.12-14.34.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 12 Feb 1999, Mark A. Keiser wrote:

> I just bought the VC-H1 for use with my D7A. Can anyone lead me to
> repeaters in the San Francisco bay Area that I can use to send and/or
> receive pix from?

I hope we can build a network of AUTOMATIC PICTURE RELAY NETWORKS (APRN)
sites for linking these in-the-field cameras to WEB pages so everyone can
see them. Be sure to check out ours:

   http://web.usna.navy.mil/~bruninga/aprn.html

de WB4APR, Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

93. [htaprs] R0MIR Pass 2250 12FEB99

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Fri, 12 Feb 1999 18:07:45 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HTAPRS" <htaprs@tapr.org>
Message-ID: <LYR845-4974-1999.02.12-17.08.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Was late getting outside...MIR was already up over the horizon. Received a
??R0MIR packet and a ??N1EH (I believe). Had a solid UI packet from W1GTT-3
(just off I-95, Niantic, CT old stomping grounds!). This last was the
longest digpeat received so far in short effort in copying other stations.

73 de Jay KF4DBI
Ft. Lauderdale, FL

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94. [htaprs] R0MIR Pass 0025 13FEB99

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Fri, 12 Feb 1999 19:36:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HTAPRS" <htaprs@tapr.org>
Message-ID: <LYR845-5002-1999.02.12-18.37.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Was successful with a single UI packet passed through R0MIR on my TH-D7A.
Did see one other station with a "??" UI packet. Base station received a
message from R0MIR.

73 de Jay KF4DBI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

95. [htaprs] Re: R0MIR Pass 0025 13FEB99

From: Steve Prior <sprior@nfdc.net>
Date: Fri, 12 Feb 1999 20:15:22 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        HTAPRS <htaprs@tapr.org>
Message-ID: <LYR845-5007-1999.02.12-19.14.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I rec'd message from R0MIR - MIR Crew with KW TH-D7A - 1/4 wave mag mount on
car in Baltimore at work.
73
Steve
N3UYI

Jay K. Jeffries wrote:

> Was successful with a single UI packet passed through R0MIR on my TH-D7A.
> Did see one other station with a "??" UI packet. Base station received a
> message from R0MIR.
>
> 73 de Jay KF4DBI
>
> ---
> You are currently subscribed to htaprs as: SPRIOR@NFDC.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

96. [htaprs] TH-D7A software

From: "Ken Bass" <Ken@bassandco.com>
Date: Sat, 13 Feb 1999 12:10:15 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5125-1999.02.13-11.09.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Would someone please send me the URL for the beta software to program the
D7A. I foolishly deleted the original message :-(

Ken Bass
K4EVH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

97. [htaprs] Re: TH-D7A software

From: Kevin Kelly <kkelly@radix.net>
Date: Sat, 13 Feb 1999 13:12:51 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-5131-1999.02.13-12.13.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here ya go

ftp://208.197.91.81/e%3A/kenwood/kenftp/kenwood/SOFTWARE/THD7A

Ken Bass wrote:
>
> Would someone please send me the URL for the beta software to program the
> D7A. I foolishly deleted the original message :-(
>
> Ken Bass
> K4EVH
>
> ---
> You are currently subscribed to htaprs as: KKELLY@RADIX.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

98. [htaprs] RE: TH-D7A software

From: "Ken Bass" <Ken@bassandco.com>
Date: Sat, 13 Feb 1999 13:21:05 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5134-1999.02.13-12.19.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all for the info!

Ken

> -----Original Message-----
> From: Ron Reeves [mailto:ron.reeves@worldnet.att.net]
> Sent: Saturday, February 13, 1999 1:02 PM
> To: Ken@bassandco.com
> Subject: Re: [htaprs] TH-D7A software
>
>
> Try this.
>
>
> ftp://208.197.91.81/e%3A/kenwood/kenftp/kenwood/SOFTWARE/THD7A/
>
> Ron
> N7QXO
>
> At 12:10 PM 2/13/99 -0500, you wrote:
> >Would someone please send me the URL for the beta software to program the
> >D7A. I foolishly deleted the original message :-(
> >
> >
> >Ken Bass
> >K4EVH
> >
> >
> >---
> >You are currently subscribed to htaprs as: ron.reeves@worldnet.att.net
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

99. [htaprs] Re: ATV (off-topic)

From: "Ken Bording" <bordingk@mediaone.net>
Date: Sat, 13 Feb 1999 19:59:55 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HTAPRS" <htaprs@tapr.org>,
"TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5179-1999.02.13-19.03.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This brings up an interesting subject since a number of us went crazy in
Orlando at the hamfest and purchased VC-H1s!

What arrange is recommended to extending the range of these devices, both
for fun and for Emergency Preparedness type operations? I doubt they are
warmly welcomed on normal voice repeaters. Set up a dedicated voice & video
repeater? What is the typical transmission time for a single photo? Would
a 30 or 60 second "simplex repeater" like with one the Radio Shack devices
be possible to simplify the equipment requirements?

Looking for ideas because we want to add this SSTV to our bag of tricks here
in Jax, FL.

Thanks in Advance!

De W5KNB
Ken

-----Original Message-----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>; HTAPRS
<htaprs@tapr.org>
Date: Friday, February 12, 1999 3:34 PM
Subject: [htaprs] Re: ATV (off-topic)

>On Fri, 12 Feb 1999, Mark A. Keiser wrote:
>
>> I just bought the VC-H1 for use with my D7A. Can anyone lead me to
>> repeaters in the San Francisco bay Area that I can use to send and/or
>> receive pix from?
>
>I hope we can build a network of AUTOMATIC PICTURE RELAY NETWORKS (APRN)
>sites for linking these in-the-field cameras to WEB pages so everyone can
>see them. Be sure to check out ours:
>
> http://web.usna.navy.mil/~bruninga/aprn.html
>
>de WB4APR, Bob
>
>
>
>---
>You are currently subscribed to htaprs as: BORDINGK@MEDIAONE.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] Re: ATV (off-topic)

From: dave vanhorn <dvanhorn@cedar.net>
Date: Sat, 13 Feb 1999 20:41:01 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HTAPRS" <htaprs@tapr.org>,
"TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5185-1999.02.13-19.42.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:59 PM 2/13/99 -0500, Ken Bording wrote:
>This brings up an interesting subject since a number of us went crazy in
>Orlando at the hamfest and purchased VC-H1s!

> Would
>a 30 or 60 second "simplex repeater" like with one the Radio Shack devices
>be possible to simplify the equipment requirements?

The chipcorder devices sample pretty slowly, I rather doubt they would work.
Of course if someone wants to prove me wrong, we all win :)

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] Re: ATV (off-topic)

From: David Dobbins <ddobbins@localaccess.com>
Date: Sat, 13 Feb 99 17:46:38 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HTAPRS" <htaprs@tapr.org>,
"TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5189-1999.02.13-19.48.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm interested in this topic as well, as I also have a VC-H1 and TH-D7A.
There are no other nearby stations. I've tested the transmit period and
it seemed about 30-40 seconds. Before I ever tried something like that
over the voice repeater I'd get an AOK from the control operator(s).

I'm also curious what software you are using to decypher the pictures. I
intend to hook up audio from the radio to the computer's sound card mic
input, if that's the right way of doing it. This is all new territory to
me, and quite exciting.

Eventually I want to transmit a picture back to school, then have some
sort of auto routine FTP the pictures to the school's web server. I'm
doing something similar now with a connected camera, but I want to use
radio and improve the system.

Thanks, Dave/K7GPS

(Is there a better place to discuss this, or is it OK on this thread?)

David S. Dobbins/K7GPS
NWAPRS Coordinator

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] aprs com ??

From: "BobD" <BobD@virtualconst.com>
Date: Sat, 13 Feb 1999 20:53:05 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5191-1999.02.13-19.50.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anybody know what aprs.com is?

I tried entering the URL www.aprs.com just for the heck of it (instead of
aprs.net) and I get a UserID / Password login screen.

Just courious what it is.

73...Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] Re: ATV (off-topic)

From: "Walter Holmes" <walterh@houston-intranet.com>
Date: Sat, 13 Feb 1999 20:15:34 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5193-1999.02.13-20.18.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If your machine at your house or school is capable of receiving your image
through the repeater, you could use a program like ISPY or WEBCAM to FTP the
image it captures on a time interval you choose, to the remote location.

73,
Walter/K5WH

-----Original Message-----
From: bounce-htaprs-7210@lists.tapr.org
[mailto:bounce-htaprs-7210@lists.tapr.org]On Behalf Of David Dobbins
Sent: Saturday, February 13, 1999 7:47 PM
To: TAPR HT APRS Special Interest Group
Cc: HTAPRS; TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: ATV (off-topic)

I'm interested in this topic as well, as I also have a VC-H1 and TH-D7A.
There are no other nearby stations. I've tested the transmit period and
it seemed about 30-40 seconds. Before I ever tried something like that
over the voice repeater I'd get an AOK from the control operator(s).

I'm also curious what software you are using to decypher the pictures. I
intend to hook up audio from the radio to the computer's sound card mic
input, if that's the right way of doing it. This is all new territory to
me, and quite exciting.

Eventually I want to transmit a picture back to school, then have some
sort of auto routine FTP the pictures to the school's web server. I'm
doing something similar now with a connected camera, but I want to use
radio and improve the system.

Thanks, Dave/K7GPS

(Is there a better place to discuss this, or is it OK on this thread?)

David S. Dobbins/K7GPS
NWAPRS Coordinator

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---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] Re: aprs com ??

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Sat, 13 Feb 1999 23:54:31 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5215-1999.02.13-23.57.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From rs.internic.net:

Whois Query Results

Registrant:
All Points Relocation Service Inc. (APRS-DOM)
   4195 Dundas Street WestSuite 226
   Etobicoke ON, M8X 1Y4
   CA

   Domain Name: APRS.COM

   Administrative Contact:
      Hogan, Geoff (GH543) dns-admin@RUNNINGTIDE.COM
      +1 (519) 599-7949 (FAX) + 1 (519) 599-7735
   Technical Contact, Zone Contact:
      Gibbons, Francis (FG101) fgibbons@RUNNINGTIDE.COM
      +1 (519) 599-7949
   Billing Contact:
      Adams, Audrey (AA997) ghogan@RUNNINGTIDE.COM
      416-234-1995 x22 (FAX) 416-234-0753

   Record last updated on 09-Apr-98.
   Database last updated on 13-Feb-99 06:34:07 EST.

   Domain servers in listed order:

```
   RTI-NS2.RUNNINGTIDE.COM 207.164.231.98
   NS.LOG.ON.CA   205.207.183.29


The InterNIC Registration Services database contains ONLY
non-military and non-US Government Domains and contacts.
Other associated whois servers:
   American Registry for Internet Numbers - whois.arin.net
   European IP Address Allocations        - whois.ripe.net
   Asia Pacific IP Address Allocations    - whois.apnic.net
   US Military                            - whois.nic.mil
   US Government                          - whois.nic.gov
HOME CONTACT US RESOURCES HOW TO ... FORMS FAQ SITE MAP


-----Original Message-----
From: BobD <BobD@virtualconst.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Saturday, February 13, 1999 7:49 PM
Subject: [htaprs] aprs com ??


>Anybody know what aprs.com is?
>
>I tried entering the URL www.aprs.com just for the heck of it (instead of
>aprs.net) and I get a UserID / Password login screen.
>
>Just courious what it is.
>
>73...Bob
>
>
>
>---
>You are currently subscribed to htaprs as: JIMGILL@IX.NETCOM.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

105. [htaprs] Re: ATV (off-topic)

```
From: N2nwz@aol.com
Date: Sun, 14 Feb 1999 01:57:40 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5232-1999.02.14-00.58.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 2/13/99 8:47:53 PM Eastern Standard Time,
ddobbins@localaccess.com writes:

> m also curious what software you are using to decypher the pictures. I
>  intend to hook up audio from the radio to the computer's sound card mic
>  input, if that's the right way of doing it. This is all new territory to
>  me, and quite exciting.
>
 Go to http://www.ultranet.com/~sstv

 They have info on SSTV and to download all types of demo software to run
through sound card. The only mode they can't download is the Fast FM. Right
now it seems VC-H1 can only receive & Transmit.

 Anthony N2NWZ

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

106. [htaprs] Re: ATV (off-topic)

```
From: N2nwz@aol.com
Date: Sun, 14 Feb 1999 01:58:56 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5233-1999.02.14-00.59.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

In a message dated 2/13/99 8:02:55 PM Eastern Standard Time,
bordingk@mediaone.net writes:

> What arrange is recommended to extending the range of these devices, both
> for fun and for Emergency Preparedness type operations? I doubt they are
> warmly welcomed on normal voice repeaters. Set up a dedicated voice &
video
> repeater? What is the typical transmission time for a single photo? Would
> a 30 or 60 second "simplex repeater" like with one the Radio Shack devices
> be possible to simplify the equipment requirements?
>
The transmission time depends on which mode you select. With the default
Robot 36 . It takes about 36 sec. Robot 72 is 72 Sec. Right now the best way
to extend the range is through a repeater. Here in Westchester Cnty, NY we
are trying the same thing. If we had an emergency and traffic was busy, we
would use our 440 repeater for images and leave the main 2m for traffic. I
can't see a problem with repeater groups now having a SSTV net on for an hour
espically ARES/RACES groups.

Anthony N2NWZ
AEC, Westchester Cnty, NY.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] Re: aprs com ??

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Sun, 14 Feb 99 11:01:49 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5273-1999.02.14-10.02.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

dobryden% whois aprs.com

Registrant:
All Points Relocation Service Inc. (APRS-DOM)
   4195 Dundas Street WestSuite 226
   Etobicoke ON, M8X 1Y4
   CA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] Re: aprs com ??

From: rwf <rwf@BSRG.org>
Date: Sun, 14 Feb 1999 12:48:14 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5293-1999.02.14-11.51.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will offer a bit more than just quoting what anyone can find out from
Internic:

It is a Real Estate Broker Network.

>From a Web Page:
Atlanta-based All Points Relocation Service, Inc., a network of independent
real
estate brokers, added 56 new member firms during fiscal year 1994-1995. The
reason, according to vice president of membership Leslie Kane, is that
"Although we have seen many large independent real estate firms join national
franchises, a vast majority of independent brokers are choosing to remain
independent. By joining a national network like All Points, they have
access to
marketing tools, relocation training, and a national referral system that
allows them to stay competitive, without having to pay franchise fees." For
more information, contact Robin Gross at (404) 804-0060.

The above Atlanta phone number is no longer any good

Another article says they are Atlanta and Toronto based. Must have closed the
Atlanta office, but it sort of confirms tha Canadian baseds Domain
registration.

This is the domain info from Internic:

All Points Relocation Service Inc. (APRS-DOM)
4195 Dundas Street West
Suite 226 Etobicoke ON, M8X 1Y4 CA
Domain Name: APRS.COM
Administrative Contact: Hogan, Geoff (GH543)
dns-admin@RUNNINGTIDE.COM +1 (519) 599-7949 (FAX) + 1 (519) 599-7735
Technical Contact, Zone Contact: Gibbons, Francis (FG101)
fgibbons@RUNNINGTIDE.COM +1 (519) 599-7949
Billing Contact: Adams, Audrey (AA997) ghogan@RUNNINGTIDE.COM 416-234-1995 x22
(FAX) 416-234-0753

73

Ralph

At 08:53 PM 02/13/1999 -0500, you wrote:
>Anybody know what aprs.com is?
>
>I tried entering the URL <http://www.aprs.com/>www.aprs.com just for the heck
of it (instead of
>aprs.net) and I get a UserID / Password login screen.
>
>Just courious what it is.
>
>73...Bob
>
>
>
>---
>You are currently subscribed to htaprs as: RWF@BSRG.ORG
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] TH-D7

From: PETER J MANN <pmann@juno.com>
Date: Sun, 14 Feb 1999 17:03:01 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5357-1999.02.14-16.05.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

H
Ok HELP...
When I plug in the Eagle GPS and select GPS on the TH-D7 I hear a beep
every few seconds. I get NO updated position on the (pos) button on the
HT.
73 Pete
KF5RD
HAVE A GREAT DAY!
--------- End forwarded message ----------

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

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110. [htaprs] D7 & Garmin 12

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Sun, 14 Feb 1999 19:45:44 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5391-1999.02.14-18.50.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Evening Everyone..

Ok, stupid question here. Someone please tell me that I am not going insane.

I have had my D7 working with my Garmin GPS 12 for several weeks now. I did
a reset on the radio, and now when I try to get the GPS to send to the
radio, the position remains at all zeroes, but the decimal points are
flashing. What am I doing wrong? I haven't changed any cables, the GPS is
still the same, and I have all the options set... I think.

>From the radio:

2-1 (My call) N4BSA-7
2-2 (GPS) NMEA
2-3 (My Posit) N24.53.01 - W82.47.83 (I manually entered that)
2-4 (Comment) Off Duty
2-5 (Icon) Jeep
2-6 (Status Text) Chris from Largo,FL.
2-7 (TX Interval) 1 minute
2-8 (Packet Path) Relay,Wide
2-9 (Data TX) Auto
2-A (Unprotocol) APK001
2-B (Pos Limit) Off
2-C (Unit) Mile, F

I do have "POS" displayed on the display of the radio, and I am sure that I
have the TNC set up for APRS. Any suggestions? I sure hope to get this
fixed.. I'm flying to California (LA) on Wednesday, and would like to have
the tracker to play with while I am out there.

Thanks!
Chris

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

111. [htaprs] Re: D7 & Garmin 12

From: dave vanhorn <dvanhorn@cedar.net>
Date: Sun, 14 Feb 1999 19:52:40 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5392-1999.02.14-18.53.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:45 PM 2/14/99 -0500, Chris Schwab wrote:
>Good Evening Everyone..
>
>Ok, stupid question here. Someone please tell me that I am not going insane.
>
>I have had my D7 working with my Garmin GPS 12 for several weeks now. I did
>a reset on the radio, and now when I try to get the GPS to send to the
>radio, the position remains at all zeroes, but the decimal points are
>flashing. What am I doing wrong? I haven't changed any cables, the GPS is
>still the same, and I have all the options set... I think.

GPS set to NMEA? 4800 baud?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] RE: D7 & Garmin 12

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Sun, 14 Feb 1999 20:08:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5396-1999.02.14-19.13.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yep.. Checked that.

I did another reset after I sent this message (Just to make sure I had set
everything correctly) and it started working. Go figure. I seem to recall
seeing this in another message in the past few weeks. Maybe something to
look into?

Chris

-----Original Message-----
From: dave vanhorn [mailto:dvanhorn@cedar.net]
Sent: Sunday, February 14, 1999 7:53 PM
To: Chris Schwab; TAPR HT APRS Special Interest Group
Subject: Re: [htaprs] D7 & Garmin 12

At 07:45 PM 2/14/99 -0500, Chris Schwab wrote:
>Good Evening Everyone..
>
>Ok, stupid question here. Someone please tell me that I am not going
insane.
>
>I have had my D7 working with my Garmin GPS 12 for several weeks now. I did
>a reset on the radio, and now when I try to get the GPS to send to the
>radio, the position remains at all zeroes, but the decimal points are
>flashing. What am I doing wrong? I haven't changed any cables, the GPS is
>still the same, and I have all the options set... I think.

GPS set to NMEA? 4800 baud?

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] help

From: "Darrell Sutton" <dsutton@visi.net>
Date: Sun, 14 Feb 1999 20:45:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5400-1999.02.14-19.44.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have an eagle it beeps till I get pos acquired then it is ok on the pos
key but when I press beacon and send it does not give a update position out
just mice stuff
I didn't have this problem before just started.. tried a reset no luck just
send when it wants I have it set for .5 m 1 min 2 min doesn't matter just
want send..

any ideas would be great

Darrell Sutton   KF4HJW
Newport News ARES AEC   ORS
145.23   442.90   144.39 APRS My Ht TH DTa is -2 on APRS
145.73 Packet   KF4HJW@ke4dv.#tide.va.usa.noam
Packet Net Tues at 8:15 local on KR4MA system in District 7 VA ARES

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] Help with MIR & TH-D7

From: "Mark Pedroia" <kf6tys@hotmail.com>
Date: Sun, 14 Feb 1999 22:28:51 PST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5483-1999.02.15-00.29.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been following some of the success stories of Kenwood TH-D7 owners
receiving info from MIR.

I'm having difficulty and thought someone might be able to provide some
guidance.

I'm using the 145.985 freq. Is there an offset needed? If so what
direction?

For those who receive the R0MIR, are you in APRS (TNC) mode and not in
packet mode?

With just the TH-D7 and a directional antenna, do I have everything I
need?

Today, I was able to pickup their signal (I assume) when they came over

the horizon for about 5 minutes.

Any and all tips appreciated, thanks in advance

Mark Pedroia
KF6TYS
kf6tys@hotmail.com

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] Re: Help with MIR & TH-D7

From: "bob" <w2g3zfj@unix.asb.com>
Date: Mon, 15 Feb 1999 07:56:22 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5538-1999.02.15-06.56.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Mark

145.985 simplex (no offset) is OK
THD7A should be in APRS mode, if your using it standalone, use the packet
mode if its connected to a laptop running APRS.
Use as short a status message as possible
Set R0MIR as the path (note thats a 'zero' after the 'R')
You don't need a directional antenna but it will help
When the received signal is strong, keep on manually sending your posit
(either use the PTT option or keep on pressing the Beacon key) until you see
a 'MY PACKET' message

Its probably better only to use passes where MIR is well above the horizon.

Hope this helps

73 de bob w2/g3zfj

-----Original Message-----
From: Mark Pedroia <kf6tys@hotmail.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Monday, 15 February, 1999 01:54
Subject: [htaprs] Help with MIR & TH-D7

>I've been following some of the success stories of Kenwood TH-D7 owners
>receiving info from MIR.
>
>I'm having difficulty and thought someone might be able to provide some
>guidance.
>
>I'm using the 145.985 freq. Is there an offset needed? If so what
>direction?
>
>For those who receive the R0MIR, are you in APRS (TNC) mode and not in
>packet mode?
>
>With just the TH-D7 and a directional antenna, do I have everything I
>need?
>
>Today, I was able to pickup their signal (I assume) when they came over
>the horizon for about 5 minutes.
>
>Any and all tips appreciated, thanks in advance
>
>Mark Pedroia
>KF6TYS
>kf6tys@hotmail.com
>
>
>_____
>Get Your Private, Free Email at http://www.hotmail.com
>
>---
>You are currently subscribed to htaprs as: W2G3ZFJ@UNIX.ASB.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

116. [htaprs] recover from WinAPRS

From: "BobD" <BobD@virtualconst.com>
Date: Mon, 15 Feb 1999 12:05:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5578-1999.02.15-11.03.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just tried WinAPRS and now can't seem to get back to APRSdos.
Also can't make a connection to any other TNC using a regular terminal
program. I see my connect requests going out and replies coming back but the
TNC will not establish a connect.

Is there some setting changed by WinAPRS that I need to manually reset?

Any ideas?

Bob, n2iph

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

117. [htaprs] Re: [aprssig] Kenwood TM-V7A Programing

From: "Ken Bording" <bordingk@mediaone.net>
Date: Mon, 15 Feb 1999 15:33:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5606-1999.02.15-14.37.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not what I wanted to hear, but I appreciate the answer. Oh, well, I'll call
today and order it.

Thanks!

de W5KNB
Ken
-----Original Message-----
From: Fred Decker <fdecker@csi.com>
To: Ken Bording <bordingk@mediaone.net>; TAPR APRS Special Interest Group
<aprssig@lists.tapr.org>
Date: Monday, February 15, 1999 11:52 AM
Subject: Re: [aprssig] Kenwood TM-V7A Programing

>The Kenwood TM-V7A data cable is a "smart" cable. You should just bite
>the bullet and buy it. Unless you have lots of spare parts and want a big
>ugly cable, the one Kenwood sells had surface mount circuitry inside the
>shroud. It saved on the cost of the radio, if you don't need to computer
>program your radio, you don't have to pay for the parts, you get them with
>your cable when you want that feature.
>
>Fred
>KE4IXL
>
>-----Original Message-----
>From: Ken Bording <bordingk@mediaone.net>
>To: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
>Date: Sunday, February 14, 1999 9:37 PM
>Subject: [aprssig] Kenwood TM-V7A Programing
>
>
>>I followed the thread on using the TM-V7A for packet and APRS and I'm
>>hooking my new one up for APRS. But has anyone homebrewed a cable to
>>substitute for the PG-4S programming cable to preload the memories?
>>
>>If so respond directly if you would to save bandwidth on this only
>slightly

>>APRS subject. I'd like pin-outs, etc.
>>
>>Thanks in advance. Enjoyed seeing all the APRSers at the Orlando Hamfest
>>this weekend.
>>
>>de W5KNB
>>Ken
>>
>>
>>---
>>You are currently subscribed to aprssig as: FDECKER@CSI.COM
>>To unsubscribe send a blank email to leave-aprssig-1787W@lists.tapr.org
>>
>>
>
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

118. [htaprs] HTAPRS expanded for VC H1

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Mon, 15 Feb 1999 14:38:30 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5610-1999.02.15-14.40.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The purpose of the TAPR HTAPRS SIG has been expanded to include discussion of Kenwood's VC H1 (KenCam) and related issues, such as the Automatic Picture Relay Network (APRN). So, talk among yourselves about VC H1 on HTAPRS.

Stan, WA1LOU, *SIG administrator

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119. [htaprs] Thanks TAPR

From: Kevin Kelly <kkelly@radix.net>
Date: Mon, 15 Feb 1999 16:00:27 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5618-1999.02.15-15.01.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings SIG,

Thanks TAPR, and Stan. I just got my VC H1 today. Good timing. Sitting
here playing with it as we speak/type.

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

120. [htaprs] Re: ATV (off-topic)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 15 Feb 1999 19:11:17 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        HTAPRS <htaprs@tapr.org>
Message-ID: <LYR845-5649-1999.02.15-18.12.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My thoughts on using the VC-H1 KEN-Cams is on my APRN Web page

http://web.usna.navy.mil/~bruninga/aprn.html

I think these things have trememdous potential!

de WB4APR, Bob

On Sat, 13 Feb 1999, Ken Bording wrote:

> This brings up an interesting subject since a number of us went crazy in
> Orlando at the hamfest and purchased VC-H1s!
>
> What arrange is recommended to extending the range of these devices, both
> for fun and for Emergency Preparedness type operations? I doubt they are
> warmly welcomed on normal voice repeaters. Set up a dedicated voice & video
> repeater? What is the typical transmission time for a single photo? Would
> a 30 or 60 second "simplex repeater" like with one the Radio Shack devices
> be possible to simplify the equipment requirements?
>
> Looking for ideas because we want to add this SSTV to our bag of tricks here
> in Jax, FL.
>
> Thanks in Advance!
>
> De W5KNB
> Ken
>
>
> -----Original Message-----
> From: Bob Bruninga <bruninga@nadn.navy.mil>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>; HTAPRS
> <htaprs@tapr.org>
> Date: Friday, February 12, 1999 3:34 PM
> Subject: [htaprs] Re: ATV (off-topic)
>
>
> >On Fri, 12 Feb 1999, Mark A. Keiser wrote:
> >
> >> I just bought the VC-H1 for use with my D7A. Can anyone lead me to
> >> repeaters in the San Francisco bay Area that I can use to send and/or
> >> receive pix from?
> >
> >I hope we can build a network of AUTOMATIC PICTURE RELAY NETWORKS (APRN)
> >sites for linking these in-the-field cameras to WEB pages so everyone can
> >see them. Be sure to check out ours:
> >
> >   http://web.usna.navy.mil/~bruninga/aprn.html
> >
> >de WB4APR, Bob
> >
> >
> >
> >---
> >You are currently subscribed to htaprs as: BORDINGK@MEDIAONE.NET
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
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121. [htaprs] TH-D7 with Garmin GPS-35 Tracker

From: pbclark1@ibm.net
Date: Mon, 15 Feb 1999 17:09:48 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5660-1999.02.15-19.09.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can't seem to get my TH-D7 to work with the Garmin GPS-35. It works
fine with the Street Pilot and GPS-III. I use the GPS-35 with just
about every mapping program I have so I know it is operating OK.

Anyone have any ideas??
Phil KD6SP

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122. [htaprs] Re: TH-D7 with Garmin GPS-35 Tracker

From: Kevin Kelly <kkelly@radix.net>
Date: Mon, 15 Feb 1999 20:20:43 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-5661-1999.02.15-19.21.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Have a look here. It has the whole story.
http://www.qsl.net/n6qab/n6qabgps.htm

> Anyone have any ideas??
> Phil KD6SP
>

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

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123. [htaprs] Ken-Cam closeups

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 15 Feb 1999 23:48:15 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5705-1999.02.15-22.49.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> The purpose of the TAPR HTAPRS SIG has been expanded to include
> discussion of Kenwood's VC H1 (KenCam) and related issues, such as the
> Automatic Picture Relay Network (APRN). So, talk among yourselves about
> VC H1 on HTAPRS.

One of the first things you will want to include in your VC-H1, KenCam
tool kit is a cheap $2 magnifying glass for taking closeups of little
things. I bought a $1.69 plastic reading magnifier and used a Hack Saw to
cut out the "high magnificaiton" bubble near the edge. I ground it round
with a file to fit the approximate shape of the 3/4 inch round bezel
around the Ken-Cam lens. Whenever I need to take closeups of something
(like ths screen of the HT), i just scotch tape the plastic lens on front
of the camera to get focus range down to about 3 inches...

de WB4APR, Bob

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124. [htaprs] new user

From: "Joseph L Mc Abee" <jlmcabee@duke-energy.com>
Date: Tue, 16 Feb 1999 13:15:55 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5803-1999.02.16-12.16.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello...

Just wanted to drop a note to say I've already gotten lots of valuable info from
the group. I've had my TH-D7A for about a month now, and I love it. I plan on
interfacing a Garmin GPS III and an HP200LX palmtop PC to make a portable APRS
station/tracker. Any hints would be greatly appreciated...

Thanks much,
Joe
KD4CKS

Upstate SC

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125. [htaprs] Re: ATV (off-topic)

From: Greg Kulosa <greg@gnac.com>
Date: Tue, 16 Feb 1999 14:34:07 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: HTAPRS <htaprs@tapr.org>
Message-ID: <LYR845-5853-1999.02.16-16.37.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > I just bought the VC-H1 for use with my D7A. Can anyone lead me to
> > repeaters in the San Francisco bay Area that I can use to send and/or
> > receive pix from?
>
> I hope we can build a network of AUTOMATIC PICTURE RELAY NETWORKS (APRN)
> sites for linking these in-the-field cameras to WEB pages so everyone can
> see them. Be sure to check out ours:
>
>   http://web.usna.navy.mil/~bruninga/aprn.html

Well, I am in the process of setting up an internet server in one of
our redundant data-centers. As soon as my company can work out roof
penetration for the coax, I am going to put up an antenna and be another
IGATE (with javAPRS).

The location will be in Redwood City, CA. (San Francisco bay area)

I would also LOVE to put up an APRN server on another frequency. My Linux
machine has plenty of serial ports, although I may need another radio
and TNC.

I am also a reasonably competent programmer. I could probably help write
some more automatic software to receive and store images that are heard
on the air. (Unix/Linux software, of course).

The only problem is how to make a true RELAY network? I presume that
the picture traffic is too much for the existing 144.39 APRS network.

Do we pick another simplex frequency and set up a parallel set of
digi-peaters for picture transmission?

If we don't have some high-level network, then the server that I propose
will only be able to hear things for 20 miles or so around Redwood City.

Bob, how have you solved this problem in your area?

> de WB4APR, Bob

--
Greg A. Kulosa | "The avalanche has already started, it is too
Systems Administrator | late for the pebbles to vote." - Ambassador Kosh
GNAC, Inc. |____
greg@gnac.com   999 Main Street - Redwood City, CA 94063

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126. [htaprs] D7 mods

From: joe.lagreek@edwardjones.com
Date: Tue, 16 Feb 1999 17:48:45 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5861-1999.02.16-17.50.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It might be prudent to wait until after we know about the firmware update before making any mods to your
 D7 that might void the warranty . As a EMA manager I may open mine up, but will decide after the
update.

Joe LaGreek
IS Mainframe
Bldg 201 2nd floor
Phone: (314) 515-2721

Pager: (314) 491-8920
Fax: (314) 515-4659
E-mail: joe.lagreek@edwardjones.com

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127. [htaprs] Re: D7 mods

From: dave vanhorn <dvanhorn@cedar.net>
Date: Tue, 16 Feb 1999 21:04:08 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5892-1999.02.16-20.05.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:48 PM 2/16/99 -0600, joe.lagreek@edwardjones.com wrote:
>It might be prudent to wait until after we know about the firmware update
>before making any mods to your D7 that might void the warranty . As a EMA
>manager I may open mine up, but will decide after the update.

Prudent point indeed! I'd hate to get excluded from a bugfix!

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128. [htaprs] NavTalk

From: whsander@erols.com (Wayne H. Sanderson)
Date: Tue, 16 Feb 1999 22:17:55 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5900-1999.02.16-21.19.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For anyone interested, the new Garmin NavTalk analog cellphone with integrated
GPS III Plus is pictured in an ad in one of the first few pages of the current
Popular Science, which incidentally has a very uninformative review of four
GPS receivers. (The guy explains what SA is, then later on he complains about
the receivers' inaccuracy! Maybe I should regale him with an explanation of
DGPS ;-)
The ad states that the built in base maps can be augmented by optional
MapSource CDs, so it has a serial connection. If the bare bones terminal
functions work as well, this rounds out the SAR/Emergency responder's kit
quite nicely. An APRS station consisting of the NavTalk, TH-D7x and a palmtop
now could cover all bases. With your pocket cellphone and GPS combined,
there's that much less to carry, and an extra battery for the unit kills two
birds with one stone, saving space/weight/expense. Amazingly cool.

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129. [htaprs] Re: ATV (off-topic)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 17 Feb 1999 10:07:46 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        HTAPRS <htaprs@tapr.org>
Message-ID: <LYR845-6005-1999.02.17-09.08.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Concerning putting up an Automatic Picture Relay Network (APRN) site for
linking Ken-Cam in-the-field cameras to WEB pages so everyone can see
them. (Example: http://web.usna.navy.mil/~bruninga/aprn.html)

Greg Kulosa wrote: Well, I am in the process of setting up an internet
> server in ... Redwood City, CA.... I would also LOVE to put up an APRN
> server on another frequency...

THe APRN concept only is concerned with SSTV input frequencies. THere is
little need, nor will you find any channels available for "transmitting"
SSTV back out. APRN assumes that everyone has a browser to access your
images web page. THis gives you thousands of times more viewers for the
images than the few stations that can receive SSTV directly.

> The only problem is how to make a true RELAY network?
> Do we pick another simplex frequency and set up a parallel set of
> digi-peaters for picture transmission?

> If we don't have some high-level network, then the server that I propose
> will only be able to hear things for 20 miles or so around Redwood City.

On my web page above, there is a text discussing all the ramifications of
this (its also called APRN.TXT in the APRSdos README files). But the gist
is that you do not need formal frequency coordination to "listen" on a
frequency for possible SSTV. THus, you use what ever frequency is
available in your area. You put an ICON on the APRS maps that show where
the APRN receiver is, what its WEB address is and what frequency it is
listening on.

To extend the range of your capability, simply use what ever other links
you need or other APRN internet sites. There are several choices:

1) find a coordinated SSTV frequency, or a simplex voice frequency
   (remember, only the user with a picture transmits on this freq,
   (there is no re-broadcast, so the channel is still free for everyone
   (else to use)

2) Find existing voice repeeaters that will allow SSTV on their systems.
   Then you just install a scanner listening to all such repeaters,
   listening for just the SSTV signal...
   (this is by far the easiest!)

Lots of other ideas, but the main point, is that you do not need to fight
any battles trying to get coordinated SSTV channels, since you are not
intending to put up any "on-air" relay capability. You are only trying to
listen on channels where remote users may transmit an occassional SSTV
image...

de WB4APR, Bob

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130. [htaprs] Kenwood Firmware Update?

From: "Jim Olsen" <jolsen@novonyx.com>
Date: Wed, 17 Feb 1999 09:18:41 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6015-1999.02.17-10.28.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Folks,

Sorry to repeat what has probably already been answered, but the access to
the archives of this list is fairly difficult right now. I searched through
it and could only find the follow up messages. How is Kenwood going to
contact owners of the older radios for firmware update and will this be free
of charge?

I am a little disappointed with Kenwood since I emailed them the precise bug
with the parsing of the sentences on Dec 30, and I have never recieved a
follow up from them since...... But I will forgive them if they fix it :-).

Thanks,

Jim Olsen
jolsen@novonyx.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] feb 17 99

From: "steve scott" <kd8s@skylink.net>
Date: Wed, 17 Feb 1999 09:11:10 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6021-1999.02.17-11.10.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

yes, what is the latest on the th-d7 fix. i still have not received any e
mail response, so i snail mailed a few weeks ago, still nothing. i am sure
kenwood is going to fix the radio, it would be nice to be reassured of when
and how. hams in town are waiting to see what happens with my radio before
they buy one

are we to get a return authorization, or just send it in and to where?

i don't mind waiting, but its been over two months now .

kd8s@skylink.net Las Vegas, Nevada got a ham radio license? check out
www. lvrac.org
Technician TV-21/33

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132. [htaprs] Reception limits: Data vs. Voice

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Wed, 17 Feb 1999 14:51:16 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6072-1999.02.17-16.52.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In my cheerleading for the TH-D7A on the hang gliding SIG, I've been asked a
question (by the Class 2 World Record holder) that I couldn't answer: At
the limits of reception, does data travel better than voice or vice versa?
A couple of factors are that the TH-D7A transmits at a leisurely 1200 baud
and air to ground is unobstructed. A negative is that he normally uses a
low power setting because batteries don't last as long when they get cold
(at altitude), plus a flight can last 10 hours.

But the main question is "Is there a significant difference in the reception
mileage between voice and data?"

Thanks,
Russ Brown, KB6LUD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] Kenwood Firmware Update?

From: Kenwood <cuyeda@ix.netcom.com>
Date: Wed, 17 Feb 1999 16:02:25 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6081-1999.02.17-18.07.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thank you for your concerns regarding firmware updates for the TH-D7A. An
announcement will be issued soon. Excuse us while we issue proper
instructions to our technicians for the upgrade and handling. Kenwood
wants to make sure there is minimal downtime when you send in your radio
for the upgrade.

Please note that the firmware upgrade is intended for radios sold in the
U.S.A. only. There may be restrictions for the upgrade for other markets
outside of the U.S.A.

Kenwood Communications Corp.
Long Beach, CA
****
*   Kenwood Communication Corp.   *
*   http://www.kenwood.net   *
*   ftp://ftp.kenwood.net   *
****

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] Re: Reception limits: Data vs. Voice

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 17 Feb 1999 19:55:27 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-6099-1999.02.17-18.57.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 17 Feb 1999, Brown, Russell R wrote about Hang GLiders:

> .... he normally uses a low power setting because batteries don't last

> as long when they get cold, plus a flight can last 10 hours.
>
> But the main question is "Is there a significant difference in the
> reception mileage between voice and data?"

Opinion here: Yes and no. Yes, it takes a better quality signal for data
than for voice... BUT

1) Data is always listening and paying attention. Ears are NOT.

2) Data is always transmitting even when you are in crisis and too
   busy to talk!

2) A Data posit lasts about 1/2 second, A voice report takes probably
   12 times longer (6 secs). So data is 12 times more effecient.

3) At a 30 second rate (1.5% duty cycle), the average power consumed by
   the Transmitter even on HIGH power is much less than just keeping the
   receiver on. 0.015 x 800 ma is about 1/4th of the power of an HT
   receiver running 100% at 50 ma.

So, running data at a 30 second rate would use no more power than
a voice report once every 6 minutes! And that is if he can make his
report in under 6 seconds. I doubt he is that terse...

Thus, in my opinion, data wins hands down!

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] Suggestion for APRN Frequency

From: Mark Humphrey <mdhx@voicenet.com>
Date: Wed, 17 Feb 1999 21:37:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6113-1999.02.17-20.39.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:

> THe APRN concept only is concerned with SSTV input frequencies. THere is
> little need, nor will you find any channels available for "transmitting"
> SSTV back out. APRN assumes that everyone has a browser to access your
> images web page. THis gives you thousands of times more viewers for the
> images than the few stations that can receive SSTV directly.

To Bob and others (like me) interested in APRN:

Here's a suggestion for a "national" channel in the 440 band for APRN receive.

In most areas where there's (fast scan) ATV activity, the voice repeater pair
of 448.75 in / 443.75 out is avoided by coordination groups because of
potential interference to ATV. The visual carrier frequency of one of the
popular ATV channels (which, for compatibility with standard TV receivers is
the same as CATV Channel 60) is 439.25, with the aural FM carrier 4.5 MHz
higher... this falls directly at 443.75.   Therefore, the paired frequency
448.75 is usually "vacant" and available for other use.

Would this be a logical choice for a "national" APRN channel? Here are the
advantages I see:

-   Use of 448.75 is presently very light in most areas (I presume)

-   This should be compatible in most areas with the existing band plan and
voice repeaters using -5 MHz offset. APRN receivers could be co-located with
most voice repeaters without much interference (depending on antenna
isolation, a bandpass filter might need to be installed to reduce overload
from repeater outputs, but these frequencies would be at least 3 MHz lower).

-   448.75 is separated enough from the link segment 433-435 MHz to allow
co-located link transmitters (in case the SSTV signal has to be sent somewhere
else to get into the internet)

-    Existing 2 meter APRS digipeaters can share a dual-band antenna with 70

cm APRN receivers

-    The stock antenna on the TH-D7A is about 1/4 wave at 448 MHz and reasonably efficient, so the 70 cm band lends itself well to portable/mobile SSTV work.

-   The TH-D7A could be used for simultaneous 144.39 MHz APRS reception while transmitting SSTV on 448.75.

At the commercial site I manage near Philadelphia, one of our tenants recently installed a wideband UHF receive antenna at the top of the tower (870' AMSL and about 570 feet above average terrain). This feeds a multicoupler with multiple preselectors... one of which passes the 447-450 MHz range and feeds a few ham repeaters at the site, so I have an opportunity to set up a receiver on 448.75 out there which would reliably cover a range of at least 30-40 miles.   I'll need to link back to the office which is about 4 miles away, but at that point I have full-time T1 internet access.   Bob, if you have software that will decode the SSTV and upload the images to the APRN server, let's give it a try.

Any thoughts or comments? Or observations about local use of 448.75 in your area?

73,

Mark
KE3XY

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136. [htaprs] Re: Suggestion for APRN Frequency

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 18 Feb 1999 01:05:57 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-6164-1999.02.18-00.07.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 17 Feb 1999, Mark Humphrey wrote:

> Here's a suggestion for a "national" channel in the 440 band for APRN receive.
>
> In most areas where there's (fast scan) ATV activity, the voice repeater pair
> of 448.75 in / 443.75 out is avoided by coordination groups because of
> potential interference to ATV......   Therefore, the paired frequency
> 448.75 is usually "vacant" and available for other use.

Mark gave very good reasons why the 440 freq was good. I agree.

But for some reason, I was thinking of 2 meter uplinks and then possibly using a common UHF crosslink to bring all the possible 2 meter uplinks (many on 2 meter voice repeaters) over to the web page on a single 440 freq (as suggested above). To use the 440 freq as the user input, then would force any crosslinks on 2 meters where I doubt there is a freqency that could be found. UNLESS!, Our T-Marc freq plan used to reserve I think it was 145.70 for SSTV (historically). But maybe they got pushed off long ago by packet?

But Mark's idea seems to be very good.   (but since any UHF simplex frequency could also be used for the user inputs, I think maybe reserving the special 448.75 for special purpose might have some merit?

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137. [htaprs] TH-D7: The Next Generation

From: "BobD" <BobD@virtualconst.com>
Date: Thu, 18 Feb 1999 07:24:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6191-1999.02.18-06.38.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello everyone,

I was planning on setting up a APRS related web page at qsl.net, but after searching around and seeing that there are already more than enough sites devoted to APRS, APRS equipment mods, etc I have decided to dedicate the page to the TH-D7A/E.

I will be listing links to available mods, software, application notes, etc.

But I would also like to create a page which will be filled with TH-D7A/E users comments and requests for feature enhancements/additions to future versions of the D7.

I'll be putting this together over the next few days and should be ready by the end of the month, so stop by and take a look please and throw your 2 cents in, maybe Kenwood we can help to shape the future of the next generation of the TH-D7A.

73...Bob

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138. [htaprs] Re: [amsat-bb] STUPID DIGITAL RESPONSE

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 18 Feb 1999 11:11:20 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: amsat-bb@AMSAT.Org, sarex@AMSAT.Org,
TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-6245-1999.02.18-10.27.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 18 Feb 1999 MIKE_NASON asked:

> I know everyone has different ideas as to what's fun.... But could
> someone please explain to me the attraction to digital satellites?

*** Today, with the internet and everyone using 33 to 56 Kb modems for less cost than just a packet TNC, digital amateur satellites are of little value.... ***EXCEPT***:

1) In remote areas where you do not have internet access (for ham radio)
2) In areas where you pay per minute for internet access (for ham radio)
3) In Mobile and Portable operations anywhere

Couple this to the fact that many Hams only have time to play radio while they are mobile (or portable), leads to my "cause-ce'le`b". Which is:

*** We need to figure out better ways to use the AMSATS ***
*** from mobiles and even from Handhelds. We must go ***
*** Satellite WIRELESS like "everyone else".... ***

Last week's APRS/MIR School tests demonstrated that a digipeater like MIR for UI frames can easily digipeat brief position/status messages from the Kenwood Data HT. There are several initiatives that are underway but we need more experimenters to help. All of these concepts use a few gateway ground stations to link the live Satellite links from mobile/hand held users back into Internet Backbones for worldwide connectivity:

1) Using the underutilized four 1200 baud Pacsats that can digipeat packets from any TNC (with $3 mod). All we need is a few dedicated ground stations to track/receive these packets from hundreds of users. The worldwide APRServe Internet Backbone is already in place: TELNET to 199.227.86.221 port 23 to see it. See WEB links below...

2) Using the Kenwood HT via MIR (5 watts QRP via MIR when the MIR PMS is not in use). THis is only for SPECIAL events (or remote expeditions far from North AMerica, Europe, Japan or anywhere where the MIR PMS is

otherwise in use).

3) Using the Kenwood HT as a receive only station for the 9600 Baud
Pacsats. By monitoring and capturing the PACSAT protocol, the remote user
can "receive" messages. This capability needs some special handling and
ground stations, but CAN be done. THe HT user only needs a small (1 foot
long) 3 element UHF beam to receive the data. Tracking is trivial since
pointing is very broad (easily over 90 degrees with the small antenna).

4) Launching an AX.25 UI digipeater Satellite (see last weeks NATSweb
announcement.. and cancelation...)

In conclusion, we must explore ways to use our existing birds more
effectively for mobile travelers and we must make sure that future birds
anticipate mobile operations and do not just duplicate more BBS's in
space... In a mobile environment, just conveying a SINGLE LINE
position/status and a few SINGLE LINE MESSAGES is all that is needed.

Think two-way Ham Radio worldwide message paging...

An amateur satellite in this kind of situation can handle HUNDREDS of
users per pass! Instead of the few users (half dozen or so) that we see
on some satellites.

Already APRS permits transparent HT/Mobile data comms to over 80% of the
HAM population of the USA and some other countries (See coverage map
on page 19 of January QST). Last night I was keyboarding with a Japanese
HAM walking down the street in Japan with nothing more than the Kenwood HT
in his pocket). BUT the terrestrial APRS infrastructure only covers 25%
of the USA LAND MASS and NONE Of the oceans nor most of the rest of the
world.   Thus we need "satellites" to go "wireless" in Ham Radio.

I am embarassed that my neighbor with his cell phone has far more
capability than I do with Ham radio. In the past, we LED the way...

de WB4APR, Bob

For more info, see these:

http://www.aprs.org for some APRS info including links to Satellite ideas
http://www.aprs.net and click on a map of your area to see APRS "LIVE"
http://web.usna.navy.mil/~bruninga/mirex.html to see "LIVE" MIR data
TELNET to 199.227.86.221 pt 23 to see the live worldwide APRServe stream
See Page 19 in January QST for existing APRS Terrestrial Infrastructure

---
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139. [htaprs] Re: Reception limits: Data vs. Voice

From: KSchmidt@t-online.de (Karl Schmidt)
Date: Thu, 18 Feb 1999 18:54:05 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-6266-1999.02.18-12.41.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The TH-D7 uses AX.25 which is a generally sensitive to interference
or weak signals combined with noise. Though I have not checked
the TH-D7 myself, I would say, voice works better than AX.25 because
the human ear and brain can handle interfered reception better
than a sensitive data protocol.

Other protocols with Forward Error Corection (FEC) like PACTOR I and II
are by far more reliable than voice. PACTOR II has still a good
throughput where a human ear can not assume even a faintest trace
of any signal. These error-resistant protocols are used mostly
with error-prone shortwave links, and not so much on more reliable
VHF/UHF links.

Referring to the battery use, data exchange is by far more efficient
than voice traffic. In order to tell your partner the exact
position, speed and direction, you would need about 1/2 a minute with voice,
whereas with the TH-D7 it takes less than 1 second. The chance that the
TH-D7 batteries survive the required 10 hours is about 30 times higher
with data traffic instaead of using voice.

In order to overcome the above mentioned sensitivity to the AX.25
protocol, you can increase the chance of getting your position message
through by decreasing the time parameter betwen the automatic
transmission. If every second message of 4 per minute is lost, it might
still be sufficient for most users.

One of the biggest advantages of the automatic data exchange and
position transmissions is, it works automatically. You do not have
to do anything during your flight, it works by itself, your are free
to concentrate on other things.

73, de Karl

Brown, Russell R schrieb:
> In my cheerleading for the TH-D7A on the hang gliding SIG, I've been asked a
> question (by the Class 2 World Record holder) that I couldn't answer: At
> the limits of reception, does data travel better than voice or vice versa?
> A couple of factors are that the TH-D7A transmits at a leisurely 1200 baud
> and air to ground is unobstructed. A negative is that he normally uses a
> low power setting because batteries don't last as long when they get cold
> (at altitude), plus a flight can last 10 hours.
>
> But the main question is "Is there a significant difference in the reception
> mileage between voice and data?"
>
> Thanks,
> Russ Brown, KB6LUD
>
> ---
> You are currently subscribed to htaprs as: KSCHMIDT@T-ONLINE.DE
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

Karl Schmidt
Tel: +49 2244 8706-40   Fax: +49 2244 8706-41
email: kschmidt@t-online.de   packet radio: DK5EC@DB0MKA @AO-16...@TO-31

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140. [htaprs] Re: ATV (off-topic)

From: Greg Kulosa <greg@gnac.com>
Date: Thu, 18 Feb 1999 14:36:30 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: HTAPRS <htaprs@tapr.org>
Message-ID: <LYR845-6299-1999.02.18-16.40.22--lyris.htaprs#tapr.org@lists.tapr.org>
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> Concerning putting up an Automatic Picture Relay Network (APRN) site for
> linking Ken-Cam in-the-field cameras to WEB pages so everyone can see
> them. (Example: http://web.usna.navy.mil/~bruninga/aprn.html)
>
> Greg Kulosa wrote: Well, I am in the process of setting up an internet
> > server in ... Redwood City, CA.... I would also LOVE to put up an APRN
> > server on another frequency...
>
> THe APRN concept only is concerned with SSTV input frequencies. THere is
> little need, nor will you find any channels available for "transmitting"
> SSTV back out. APRN assumes that everyone has a browser to access your
> images web page. THis gives you thousands of times more viewers for the
> images than the few stations that can receive SSTV directly.

Yes, that was the idea. I already have a PC running Linux that is on the
Internet 24 hours a day. It is in a secure datacenter with dual-redundant
UPS and diesel generator backup. The datacenter also has dual T3 network
connections to the Internet (A T3 is 45Mbps).

The Linux PC is running an Apache web server. It has 3 free serial
ports and a sound card all for collecting this type of data.

So, this is production-level serice that I could provide.

My idea was to receive images over the air, and put them on a web page
automatically for Internet users to view.

I was not intending on re-transmitting the images.

> On my web page above, there is a text discussing all the ramifications of
> this (its also called APRN.TXT in the APRSdos README files). But the gist
> is that you do not need formal frequency coordination to "listen" on a
> frequency for possible SSTV. THus, you use what ever frequency is
> available in your area.   You put an ICON on the APRS maps that show where
> the APRN receiver is, what its WEB address is and what frequency it is
> listening on.
>
> To extend the range of your capability, simply use what ever other links
> you need or other APRN internet sites. There are several choices:
>
> 1) find a coordinated SSTV frequency, or a simplex voice frequency
>   (remember, only the user with a picture transmits on this freq,
>   (there is no re-broadcast, so the channel is still free for everyone
>   (else to use)
>
> 2) Find existing voice repeeaters that will allow SSTV on their systems.
>   Then you just install a scanner listening to all such repeaters,
>   listening for just the SSTV signal...
>   (this is by far the easiest!)

This is the kind of ideas I was looking for.   My antenna will only cover
a small portion of the local terrain, unless we set up some high level
cross-band repeater or some such. (As discussed in another thread on
this list)

> de WB4APR, Bob

--
Greg A. Kulosa | "The avalanche has already started, it is too
Systems Administrator | late for the pebbles to vote." - Ambassador Kosh
GNAC, Inc. |____
greg@gnac.com   999 Main Street - Redwood City, CA 94063

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141. [htaprs] Re: ATV (off-topic)

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Thu, 18 Feb 99 18:08:51 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>,
        HTAPRS <htaprs@tapr.org>
Message-ID: <LYR845-6312-1999.02.18-17.09.57--lyris.htaprs#tapr.org@lists.tapr.org>
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Let me know when you find some good SSTV-receiving software for Linux
so I can run it too.
73 de Alan N2YGK

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142. [htaprs] Re: Reception limits: Data vs. Voice

From: Matt R Roller <kd7clx@ng7m.qrq.com>
Date: Thu, 18 Feb 1999 15:22:27 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6320-1999.02.18-17.21.38--lyris.htaprs#tapr.org@lists.tapr.org>
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> > A negative is that he normally uses a
> > low power setting because batteries don't last as long when they get cold
> > (at altitude), plus a flight can last 10 hours.
>

Have you ever seen those headlamps that have the battery pack that straps inside
of your clothes, so you can keep the pack warm and keep the capacity up?
Perhaps something like that would be in order, also how about those expensive flat
6.5 volt alkaline cells, you could put two of those together and power your HT
that way for a long time.

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143. [htaprs] Re: ATV (off-topic)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 18 Feb 1999 22:14:53 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
HTAPRS <htaprs@tapr.org>
Message-ID: <LYR845-6355-1999.02.18-21.16.06--lyris.htaprs#tapr.org@lists.tapr.org>
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APRN Network user Ken-CAM uplink frequencies. One frequency worth checking out is 145.55. Remember, it was clearned in most areas worldwide for SAREX and MIR... No one has gone back and filled it in, now that MIR will be on 145.80...

But since ANY voice simplex freq can be used, I hate to take the 145.55 which is abest kept secret that I was holding out for other APRS possibilities... such as the APRSERVE channels....

de WB4APR

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144. [htaprs] DFjr question

From: "BobD" <BobD@virtualconst.com>
Date: Fri, 19 Feb 1999 09:27:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6500-1999.02.19-08.25.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone done a permanent install of a DFjr on a vehicle?
I'd like to mount the antennas through he roof and the switching box inside.

Also, since I would be mounting this on a Bronco which has a fiberglass roof section (most of it anyway), any ideas on what to use for a ground plane?

Would this work or not?
Any hints/kinks to pass along?

73 Bob
n2iph@qsl.net

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145. [htaprs] Garmin GPS12 and D7A

From: Jennifer Regan <jregan@mail.win.org>
Date: Fri, 19 Feb 1999 08:56:40 -0600 (CST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6510-1999.02.19-08.57.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Saw a recent add for a GPS 12 (not XL) for $149... am wondering two things.
1) is there any GPS that we know of that will work with the D7A that is cheaper than this?
2) will this unit work with the D7A? I was told that it has NMEA out, but that a closed architecture software program is needed to access the data.

I am in need of a unit to plug into my Kenwood, and would appreciate any advice.

Thanks
John Regan
KB0SNY

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146. [htaprs] Re: Garmin GPS12 and D7A

From: "Paul E. Knupke, Jr." <pk@ij.net>
Date: Fri, 19 Feb 1999 10:04:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6512-1999.02.19-09.07.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>2) will this unit work with the D7A? I was told that it has NMEA out, but
>that a closed architecture software program is needed to access the data.

Chris, N4BSA, just bought one for his D7 and it works fine. He got it
working in almost no time!

You'll see his jeep icon rolling around Southern California and over toward
NW Arizona this weekend so it works great.

I was thinking of getting one for my D7 since he got his working so easily.

73,
Paul
KR4YL

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147. [htaprs] Re: Garmin GPS12 and D7A

From: "Ed Palmer" <PalmerEd@email.msn.com>
Date: Fri, 19 Feb 1999 09:10:20 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6515-1999.02.19-09.12.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John,

>2) will this unit work with the D7A? I was told that it has NMEA out, but
>that a closed architecture software program is needed to access the data.

I'm using a GPS 12 with my D7A with good success. I have built a custom
cable which has 6V regulated power coming into the GPS and connects to the
D7A (see http://www.pfranc.com/ for an aftermarket source of the Garmin
connectors). With the exception of hitting one bug in the software (which
Kenwood knows about and is supposed to fix in the firmware update), I've had
no problem with the D7A parsing the GPS 12 NMEA output.

Hope this helps,

--Ed

Ed Palmer, KU4LY
Navarre, FL
ku4ly@usa.net

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148. [htaprs] Re: Reception limits: Data vs. Voice

From: Jim Baremore <k5qq@juno.com>
Date: Fri, 19 Feb 1999 09:48:56 MST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6554-1999.02.19-11.10.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There has been a lot of discussion about this r.e., how long the
batteries would last on voice vs data and the need to concentration
during a crisis etc, this but I think the original question was:

> But the main question is "Is there a significant difference in the
>reception mileage between voice and data?"
>>

One of the things that was missed was the use of digipeaters for the data
channel. A single digipeater will cause the data to have considerably
greater range than the simplex voice. A digipeater network would do
wonders.

>From a different perspective

Jim Baremore   K5QQ

_____
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or call Juno at (800) 654-JUNO [654-5866]

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149. [htaprs] Cables from kenwood

From: "Mark A. Keiser" <mkeiser@isi.com>
Date: Fri, 19 Feb 1999 15:47:41 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6659-1999.02.19-17.45.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just ordered my VC-H1-to-D7A cable, and PC-to-D7A cable from Ham Radio
Outlet, which now has them in their price list. Now - if I can only find a
PC-to-VC-H1 cable, like the manual illustrates - I'd hate to carve apart the
PG-4T cable to make one.

Mark A. Keiser (mkeiser@isi.com)
Corporate Contracts, Integrated Systems, Inc.
201 Moffett Park Drive, Sunnyvale, California 94089
Voice: 408-542-1549   Fax: 408-542-1950

See us on the Worldwide Web: http://www.isi.com

150. [htaprs] Re: Cables from kenwood

From: Kevin Kelly <kkelly@radix.net>
Date: Fri, 19 Feb 1999 19:28:44 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-6670-1999.02.19-18.29.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My VC H1 came with a coiled cable that connects to my TH D7A. Are we
talking about the same thing?

"Mark A. Keiser" wrote:
>
> I just ordered my VC-H1-to-D7A cable, and PC-to-D7A cable from Ham
> Radio Outlet, which now has them in their price list.
--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

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151. [htaprs] Re: Cables from kenwood

From: "Mark A. Keiser" <mkeiser@isi.com>
Date: Fri, 19 Feb 1999 16:59:21 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6675-1999.02.19-18.59.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nope - this is the cable with three connectors on the D7A end, that allow the
D7A to control the VC-H1.

At 07:28 PM 2/19/99 -0500, you wrote:
>My VC H1 came with a coiled cable that connects to my TH D7A. Are we
>talking about the same thing?
>
>"Mark A. Keiser" wrote:
>>

>> I just ordered my VC-H1-to-D7A cable, and PC-to-D7A cable from Ham
>> Radio Outlet, which now has them in their price list.
>--
>73,
>Kevin Kelly/N6QAB
>http://www.qsl.net/n6qab
>
>---
>You are currently subscribed to htaprs as: MKEISER@ISI.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Mark A. Keiser (mkeiser@isi.com)
Corporate Contracts, Integrated Systems, Inc.
201 Moffett Park Drive, Sunnyvale, California 94089
Voice: 408-542-1549 Fax: 408-542-1950

See us on the Worldwide Web: http://www.isi.com

152. [htaprs] Re: Cables from kenwood

From: N2nwz@aol.com
Date: Sat, 20 Feb 1999 01:14:59 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6720-1999.02.20-00.16.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 2/19/99 6:44:55 PM Eastern Standard Time, mkeiser@isi.com
writes:

> Now - if I can only find a
> PC-to-VC-H1 cable, like the manual illustrates - I'd hate to carve apart
the
> PG-4T cable to make one.
   I ordered the software package for the VC-H1 and with software came serial
9-pin to 2,5mm. Nothing really special about cable. If made cable from PC-to
D7a same cable will work for VC-H1.

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153. [htaprs] Does Street Pilot work with TH-D7A?

From: AC6JA@aol.com
Date: Sat, 20 Feb 1999 15:39:26 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6793-1999.02.20-14.40.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

am looking to purchase a new gps unit like the garmin street pilot but want to
make sure that the new kenwood th-d7a will work with it.
anyone have any experience with using this combo?
any help would be greatly appreciated.
thanks!

mike ac6ja

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] Re: Does Street Pilot work with TH-D7A?

From: Kevin Kelly <kkelly@radix.net>
Date: Sat, 20 Feb 1999 15:48:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-6797-1999.02.20-14.48.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mike,

Others have reported success with the Street Pilot and the TH D7A. Check
out this url http://www.qsl.net/n6qab/n6qabgps.htm for more info.

AC6JA@aol.com wrote:
>
> am looking to purchase a new gps unit like the garmin street pilot but want to
> make sure that the new kenwood th-d7a will work with it.

> anyone have any experience with using this combo?
> any help would be greatly appreciated.
> thanks!
>
> mike ac6ja

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] Re: Does Street Pilot work with TH-D7A?

From: Tom Rutter <kf4hjx@home.com>
Date: Sat, 20 Feb 1999 17:17:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-6829-1999.02.20-16.19.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Garmin Street Pilot send data to the D7A but will not recieve data.
On my Garmin 45 the stations recieved show up as waypoints. The Street
Pilot has NMEA out but not NMEA in.

Tom

AC6JA@aol.com wrote:
>
> am looking to purchase a new gps unit like the garmin street pilot but want to

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] THD7's via MIR!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 20 Feb 1999 18:14:12 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: CDR Robert Bruninga <bruninga@arctic.nadn.navy.mil>
Message-ID: <LYR845-6836-1999.02.20-17.15.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FOR THD7 USERS ONLY. DO NOT FORWARD TO OTHER LISTS....

Use your THD7 via MIR!

As demonstrated last week during the special APRS/MIR School tests, the
THD7 can send and receive packets via MIR with only the rubber duck.
SInce the ERP is only 5 watts compared to the typical MIR PMS user with 50
watts into a 10 DB gain antenna or more, there is a 20 dB difference and
thus the HT user cannot QRM the PMS user...

But if the channel is clear at that instant, then the THD7 user can be
heard and seen! http://web.usna.navy.mil/~bruninga/mirex.html

*** I proposed to the MIREX team that THD7's or any 5 watt QRP station
be permitted on a continuous basis to digipeate UI frames via MIR without
being too concerned with QRM'ing any higher power PMS users. They
tentatively agreed "as long as we do not QRM PMS users"... So I suggest
the following routine via R0MIR on 145.985 MHz:

   0) Say something useful... We dont want to appear to be just playing

   1) Unless you are moving, do not send your BECN posit, since it will
      not go via any GATEWAYS yet. You must have a non 000 course and
      a non .00 posit in longitude for a posit to go via APRServe.

   2) Send messages to BLN5W-QRP which should get into everyone's THD7
      on receipt and includes the 5W-QRP indicatior. By including "QRP",
      or "5W" we might deflect any criticism.

   3) Once your HT displays "MY PACKET", then stop transmitting. You
      may consider one at the beginning of the pass and one at the
      end may be appropriate to cover different footprints.

By the way, these packets also appear in the APRServe stream if my

station at the Naval Academy hears them, so you can conceivably send a message to anywhere via this technique! But if someone in SOCAL, WASH STATE, MIDWEST and FLORIDA joined me, then we could capture such packets from any THD7 over the entire North American continent.

MESSAGES! ALso note, that if you send such a message to any other station in the USA, it MIGHT GET THERE! (You will NEVER get an ack, so ONCE you see the "MY PACKET" then STOP transmitting.

Please, use this capabilty with discretion so we dont kill a gift horse. Check with Steve about setting up an IGATE for MIR to link into APRServe...

de WB4APR, Bob

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157. [htaprs] D7A in Raleigh, NC

From: "Erich Berman" <erich@berman.org>
Date: Sat, 20 Feb 1999 18:07:11 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6849-1999.02.20-18.08.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All,

I will be travelling to visit IBM at their RTP facility near Raleigh, NC next week. I will take my D7A HT along with me. I'm looking for someone on the SIG that has a .D7 file for that area that they would be willing to e-mail to me. The D7 is very easy to program and reprogram via file so if you are from the area and have programmed your D7 I would appreciate your sharing its file with me.

Thanks,
Erich N9RTM

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158. [htaprs] SSTV Cross-banding thru Kenwood TM-V7A

From: "Ken Bording" <bordingk@mediaone.net>
Date: Sun, 21 Feb 1999 00:30:14 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6893-1999.02.20-23.34.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Today I was attempting to set my Kenwood TM-V7A mobile up to cross-band from the TH-D7A and KenCAM as an experiment to pass pictures to the EOC.

Inspite of reading and rereading page 81 of the mobile manual I could NOT get the mobile to go into crossband repeater mode. When I did the steps the way I understand the manual the radio just turned itself off!

Could a more experienced TM-V7A Mobile radio owner contact me directly to share the secret with me.

Thanks in advance.

de W5KNB

Ken

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159. [htaprs] MSNBC story on the VH-C1

From: "Tim Russell" <timruss@home.com>
Date: Sun, 21 Feb 1999 14:15:44 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7001-1999.02.21-14.17.05--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Gary Krakow, W2GSK, did a story on the Kenwood VH-C1 for MSNBC, which was
good and actually talked up amateur radio as well - good one! He also says
he'll talk about other ham stuff in a future story.

     http://www.msnbc.com/news/241997.asp

                                        Tim, N0ZHY

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160. [htaprs] New TH-D7 site

From: Walter Dunckel <wdunckel@best.com>
Date: Sun, 21 Feb 1999 10:55:44 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-7012-1999.02.21-14.45.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a new site at:

http://www.best.com/~wdunckel/thd7.html

I have tried to include all the best TH-D7a sites that I could find.
Let me know what I missed, so that I might be able to add them.

Thanks,

Walter
KD6VYV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

161. [htaprs] Keyboard

From: "Ray J. Vaughan" <ray@rayvaughan.com>
Date: Sun, 21 Feb 1999 15:58:39 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7013-1999.02.21-15.02.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm brand new to this list... so forgive me if this is an old subject...

One of my considerations about buying the Kenwood THD7A/E transceiver is
the lack of a keyboard. It seems to me that entering messages is going to
be very time consuming. Here's a suggestion for the next generation:

I had an idea from a company where I worked a few years ago. We were
developing a cable TV converter based on a '486. One need was the ability
to enter short text messages. A universal remote control manufacturer
designed a standard universal remote with QWERTY keyboard inside a
clamshell case. We got a few prototypes, but the project never went
anywhere. It was the same size as most remotes, but folded open to give
you a small keyboard. You may have seen cell phones with this same concept.

My thought was to add an IR receiver inside the APRS radios. If you wanted
to enter messages the slow way, you can. BUT, if you had an IR keyboard,
you could enter messages faster. The display would remain on the handheld
(or mobile).   I would think the added cost of an IR receiver would be
minor, a few cents per unit. The cost of the remote keyboard would be in
the $20-40 range. If you wanted to make a 2-way IR remote, i.e. with a
text display, this could be done, but would more than double the cost.

For any APRS mobile rig, it would seem like some sort of remote keyboard
would be needed. I just can see bending over in the car to enter a text
message on an underdash radio.

Maybe someone at Kenwood is way ahead of me on this... but just in case I
thought I would bring it up.

Ray, KD4BBM

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162. [htaprs] TAPR Office closed this week

From: "Stan Horzepa" <stanzepa@mail2.nai.net>
Date: Sun, 21 Feb 1999 19:25:44 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7057-1999.02.21-18.44.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Due to a death in the Jones family, the TAPR office will be closed for the
week.

Greg Jones, WD5IVD
President TAPR

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org http://www.tapr.org/~wd5ivd

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

163. [htaprs] PK-88 as a stand-alone tracker?

From: KB8QIR@aol.com
Date: Sun, 21 Feb 1999 20:39:07 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7064-1999.02.21-19.40.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a friend who wants to try APRS, but doesn't want to buy a new TNC right
away and was wanting my inexperienced help in setting it up. So as the subject
line states we are setting up a stand-alone tracker using his old PK-88 tnc
with a Magellan GPS2000XL and a old HT.

Was hoping you experienced helpers could give me some hints on the setup of
the PK-88 as I have not seen any mention of it at any of the web sites I have
looked at for tnc setup information. Mostly wondering in the way of cable
setup and tnc parameters since this IS NOT a APRS ready tnc.

73's Jake

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164. [htaprs] Reply's to PK-88 Stand-alone Tracker

From: KB8QIR@aol.com
Date: Sun, 21 Feb 1999 22:37:52 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7107-1999.02.21-21.39.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for all of the responces...

Well, back to the drawing board???

73's Jake

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165. [htaprs] Re: [aprsplus] PK-88 as a stand-alone tracker?

From: "Mike Blier" <k7fq@earthlink.net>
Date: Sun, 21 Feb 1999 19:51:44 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7112-1999.02.21-21.52.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jake:

Great idea, only problem is that the Pk88 doesn't support the necessary
GPS commands to talk to the GPS. You need a newer TNC for that. The PK-12
or the KPC-3 with the newer firmware will do the job and they are in the
$100 dollar range new and can be found for half that at swap meets, DX
clusters, swap nets etc..

Sorry to throw a wet towel on your project..

Mike - K7FQ

-----Original Message-----
From: KB8QIR@aol.com <KB8QIR@aol.com>
To: APRSSIG@LISTS.TAPR.ORG <APRSSIG@LISTS.TAPR.ORG>; HTAPRS@LISTS.TAPR.ORG <HTAPRS@LISTS.TAPR.ORG>; aprsplus@k8sn.org <aprsplus@k8sn.org>
Date: Sunday, February 21, 1999 6:07 PM
Subject: [aprsplus] PK-88 as a stand-alone tracker?

>I have a friend who wants to try APRS, but doesn't want to buy a new TNC right
>away and was wanting my inexperienced help in setting it up. So as the subject
>line states we are setting up a stand-alone tracker using his old PK-88 tnc
>with a Magellan GPS2000XL and a old HT.
>
>Was hoping you experienced helpers could give me some hints on the setup of
>the PK-88 as I have not seen any mention of it at any of the web sites I have
>looked at for tnc setup information. Mostly wondering in the way of cable
>setup and tnc parameters since this IS NOT a APRS ready tnc.
>
>73's Jake
>

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166. [htaprs] Garmin GPS III's for $206.99

From: "Ken Bording" <bordingk@mediaone.net>
Date: Mon, 22 Feb 1999 09:34:50 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7181-1999.02.22-08.38.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Damark catalogue has Garmin GPSIIIs with the major road and waterway maps for $206.99 for members and 10% more for non-members. My Garmin II+ works great with both my car tracker and my Kenwood HT. I believe the III is the same form-fit as the II+

Damark 1-800-827-6767 they also have a WWW site at damark.com

de W5KNB

Ken

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

167. [htaprs] Any good deals on GPS's?

From: KB8QIR@aol.com
Date: Mon, 22 Feb 1999 10:06:06 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7187-1999.02.22-09.07.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey everyone, I am looking a ordering/purchasing a GPS unit this Friday on payday and was wondering if anybody had seen any good deals lately on the Magellan GPS2000XL's? Around Morgantown,WV the best I can find is about 145.00 to 150.00 at the local Super K-Mart stores.

Also there is a Garmin model almost identical the Magellan GPS-2000XL, but I can't remember the number off hand but it also sells locally for about 150.00+/-.

Did notice the Garmin units data/power cable is a little cheaper than the Magellan's cable (approx. 30.00 for Garmin & 50.00 for Magellan)

ATTENTION K-MART SHOPPERS!!! Let me know if you see any good deals on the web or in a store so we can all be cheap!!! :)

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```

168. [htaprs] TAPR Technology Demo Day

```
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Mon, 22 Feb 1999 11:53:25 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7218-1999.02.22-11.55.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

From: Greg Jones, WD5IVD [mailto:wd5ivd@tapr.org]
Sent: Monday, February 22, 1999 11:33 AM
To: TAPR Announcement List
Subject: [tapr-bb] TAPR Technology Demo Day

TAPR is proud to announce the first annual Technology Demo Day
sponsored by the TAPR APRS SIG.

The purpose of this event is to demonstrate technology independence at the
location of Field Day. Technologies like Packet Radio, SSTV, ATV, Spread
Spectrum, IGates and other operating modes accessed via RF means only will
be allowed, since this reflects current emergency situations at disaster
scenes in our present day world.

The 1999 Technology Demo Day is to coincide with the ARRL Field Day.

Full details are available at http://www.tapr.org/tdfd

1999 Technology Demo Day

* Commercial Power Restriction
  No commercial power is allowed for stations submitting a score.

* Band of operation:
  Any frequencies that are currently allowed for the mode in use. HF,
  VHF, etc

* Use of networks and digipeaters:
  Digipeaters, Networks, can be used for contacts
  All APRS paths allowed.
  Sites must use RF (No direct Inet)

* Participants:
  Any licensed amateur radio operator may participate.
  Particpants that are at a direct connection to the net can participate
  but are not permitted to submit scores.

* Operator Designations:
  Single Operator designated by "SO".
  Multi Operator by "MO"
  No Operator by "NO"

* Minimum exchange consists of:
  Call Sign, ARRL section, Operator Designation (SO, MO, NO)

* Submission of scores:
  Do not send your Logs. Send only your score.
  Send your score to kb2scs@worldnet.att.net or use
  http://www.tapr.org/tdfd
  Scores must be submitted within two weeks of the end of the event.

* Points:
    o 25 points for receiving the ARRL message in digital form

    o 2 points for every LIVE packet QSO (packet network, conference
      nodes, digis, etc)

    o 1 point for every APRS station "received"
    o 2 points for every APRS station exchanging messages

    o 25 points for receiving ATV signals from a range over 5 miles
    o 25 points for transmitting ATV to another station over 5 miles

```
        o 5 points for every received SSTV picture received
        o 5 points for every transmitted SSTV contact

        o 25 points for receiving any Satellite digital MESSAGE
        o 25 points for transmitting any Satellite digital Message.

        o 25 points for making a complete exchange using Spread Spectrum
        o 5 points for each Spread Spectrum contact thereafter


  ------------------------------------------------------------------------

Suggested Operating instructions

   * HOOK UP YOUR SPEAKER.
     If you aren't listening to the packets, then you may not know what is
     going on the channel. TNC's do not detect collisions. DCD's do not
     either, so just because the little green light is OFF, does not mean
     the channel is not all QRM
   * Operate normally.
     USE SHORT packets and MINIMUM PATH.
     Use WIDEN-N where possible.
     Keep hops practical for your area. (any more than 3 probably
     impossible)..
     Work everyone you see on mail/traffic pages.
   * ACKS are not required!
     If you get a QSL message from the other station, don't wait for an ACK.
     Erase the outgoing message to reduce QRM!
   * Internet Gateways
     The key here is that IGates only pass through MESSAGEs to LOCAL
     stations in their area. This means you can QSO with anyone if you
     already know their callsign! You will probably NOT see their posits
     since only messages go via IGates (normally). This is why you should
     always include your GRIDSQ in all of your text messages.
     Here are some ways we have come up with to get around these quirks for:
        * a) Assume an SSID of -6 for stations and guess at some
          APRS calls...
        * Watch your traffic list. As soon as anyone QSO's anyone in your
          area, you will see them for a return QSO.
        * Send a CQ FD MESSAGE with your GRIDSQ and report to a DIGI in a
          known area with an IGate. This will go through all IGates.
        * Do a MAPS-OVERLAY-DIGIS for an area to see a good target call.
          (See C)
        * Do NOT send CQFD or TARGET messages until you have exhausted all
          other contacts, else we may totally BLOCK the RF channels around
          IGates.
        * Once you are working via IGATES, PLEASE minimize your path to ONLY
          the hops needed to hit your local IGate.
        * Home Stations If you are not going to operate, please
          set up your UN-ATTENDED home station for AUTOREPLY with something
          like 'QSL. [gridsq].(NO), ARRL section, etc. For APRSdos this
          simply means send ONE message to the callsign of REPLY and make
          sure this message is the first in your SEND list.


------------------

APRS® is registered to Bob Bruninga, WB4APR.
--------------------------------------------------------------------------------
Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399
--------------------------------------------------------------------------------
e-mail: tapr@tapr.org       web: <http://www.tapr.org/>
ftp:    ftp.tapr.org
phone:  940-383-0000        fax: 940-565-2544
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```

169. [htaprs] Another GPS question...

```
From: KB8QIR@aol.com
Date: Mon, 22 Feb 1999 19:34:09 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7291-1999.02.22-18.35.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

After another trip Wal-Mart they have a new GPS unit from Lowrance called
GlobalNav 12 selling for 159.95. It appears to be fully compatable with APRS
as in NMEA 0183 data output at adjustable bauds, 4800,N,8,1, standard, and all
other stuff like the Magellan/Garmin series.

However the Lowrance also offers DGPS hookup capability and a selection of
either 1.5 or 2.0 versions of NMEA 0183 which is a little strange to me.

Well let me know what you think???

PS: data/power cable is only $9.30!!!!

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

170. [htaprs] Fw: Garmin GPS III's for $206.99

From: "Ken Bording" <bordingk@mediaone.net>
Date: Mon, 22 Feb 1999 19:33:59 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7293-1999.02.22-18.37.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WWW site may not have been changed, but if you call the 800 number the price
is $206.99. I also saw on the www page that you can join for free to get
this 10% off member's price.

-----Original Message-----
From: Ken Bording <bordingk@mediaone.net>
To: Ray Vaughan <ray@rayvaughan.com>
Date: Monday, February 22, 1999 7:26 PM
Subject: Re: [htaprs] Garmin GPS III's for $206.99

>Wrong, oh might internet shopper! I called and bought one from a human for
>$206.99 to be delivered NLT 6 March 991 haha
>
>de W5KNB
>
>Ken
>
>-----Original Message-----
>From: Ray Vaughan <ray@rayvaughan.com>
>To: Ken Bording <bordingk@mediaone.net>
>Date: Monday, February 22, 1999 11:32 AM
>Subject: Re: [htaprs] Garmin GPS III's for $206.99
>
>
>>At 09:34 AM 2/22/99 -0500, you wrote:
>>>Damark catalogue has Garmin GPSIIIs with the major road and waterway maps
>>>for $206.99 for members and 10% more for non-members.   My Garmin II+
>works
>>>great with both my car tracker and my Kenwood HT. I believe the III is
>the
>>>same form-fit as the II+
>>
>>Sounded too good to be true. It's $296 on their web site.
>>
>>
>>Ray J. Vaughan, MS, CBTE
>>KD4BBM
>>ray@rayvaughan.com
>>http://www.rayvaughan.com/
>>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

171. [htaprs] Re: Fw: Garmin GPS III's for $206.99

From: "Ray J. Vaughan" <ray@rayvaughan.com>
Date: Mon, 22 Feb 1999 22:52:30 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>,
        wiley.sharp@damark.com, mark.cohn@damark.com

Message-ID: <LYR845-7322-1999.02.22-21.56.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:33 PM 2/22/99 -0500, you wrote:
>WWW site may not have been changed, but if you call the 800 number the price
>is $206.99. I also saw on the www page that you can join for free to get
>this 10% off member's price.

Damark has an interesting attitude toward customers.

I called the only 800 number I could find on the website, 1-800-729-9000.
I followed the prompts for wanting to know more information. I got a
somewhat rude message saying that all the available information is in the
catalog (which I don't have). Then it hung up on me. No way to make
another choice. Other than to be rude, why give a deadend choice in a
phone system? If no other information is available, why give me a choice
for more information?

I've been calling back for the last 50 minutes. Maybe 70 times on the
redial button. All I get is the busy (a.k.a 'Go away, we have enough
business') signal. According to the web site, this is a 24/hour number.

Yes, it seems like a good price for a GPS III. But at what cost?

With service like this, you gotta wonder how these companies are still in
business. Buyer beware.

Ray J. Vaughan, MS, CBTE
KD4BBM PG-7-15266
http://www.rayvaughan.com/
ray@rayvaughan.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] Re: Garmin GPS-12 and the GPS-12XL

From: "Bruce Given" <scn146@email.sps.mot.com>
Date: Tue, 23 Feb 1999 17:21:15 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7395-1999.02.23-11.20.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

am seriously thinking of purchasing a THD7A but want to purchase a GPS
unit first, I have seen the
GPS-12XL and the GPS-12 I checked out a couple of the web pages but
found only the XL mentioned
will the THD7A support the GPS-12 ?, it says that is has NEMA

As the price for the GPS-12 is £140 compared to £210.00 for the GPS-12XL

Thanks for any pointers

regards
Bruce Given

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

173. [htaprs] D7 Aircraft band AM mode

From: Doug Wetzel <dwetzel@earthlink.net>
Date: Wed, 24 Feb 1999 08:00:36 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7517-1999.02.24-10.01.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Am I missing a critical step, or does the AM mode not 'stick' to a channel
once it's set? If I set an aircraft band channel to AM, changing to
another channel and back causes it to reset back to FM. And programming AM
mode with the MCP-D7 program doesn't seem to work either. Is this a bug?

Doug Wetzel
K7IP
Seattle APRS Coordinator
47 38 00N 122 20 29W
ICQ 164635

dwetzel@earthlink.net

http://home.earthlink.net/~dwetzel

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

174. [htaprs] Software for VC-H1

From: "Mark A. Keiser" <mkeiser@isi.com>
Date: Wed, 24 Feb 1999 10:34:05 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7545-1999.02.24-12.37.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Okay - I think I'm dealing with idiots at the local ham radio store.

What's the model number for the software and cable combination for the VC-H1?
The ham radio store guys say they've never heard of it (ha!) and the manual is,
er, uninformative.

N4OGL

Mark A. Keiser (mkeiser@isi.com)
Corporate Contracts, Integrated Systems, Inc.
201 Moffett Park Drive, Sunnyvale, California 94089
Voice: 408-542-1549   Fax: 408-542-1950

See us on the Worldwide Web: http://www.isi.com

175. [htaprs] Re: Software for VC-H1

From: N2nwz@aol.com
Date: Wed, 24 Feb 1999 13:41:33 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7546-1999.02.24-12.44.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 2/24/99 1:37:02 PM Eastern Standard Time, mkeiser@isi.com
writes:

> What's the model number for the software and cable combination for the VC-
H1?
>
> The ham radio store guys say they've never heard of it (ha!) and the manual
> is,
> er, uninformative.
>
> N4OGL
>
 Model is VC-IS. HRO & AES both sell it price is $40.95

  Anthony N2NWZ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

176. [htaprs] TH-D7A Firmware Upgrade Release-U.S.Only

From: Kenwood <cuyeda@ix.netcom.com>
Date: Wed, 24 Feb 1999 11:18:15 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org, kenwood@qth.net
Message-ID: <LYR845-7551-1999.02.24-13.46.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To: Kenwwood TH-D7A Owners
Subject: TH-D7A Firmware Upgrade Release

In an ongoing effort to provide industry leading support for our products,
Kenwood has released Service Bulletin ASB-1063. This bulletin can be found

on Kenwood's FTP site. Kenwood would like to express appreciation to
customers who have assisted in discovering software improvements that have
been fixed in the new firmware. We are happy to report that new TH-D7A
radios recently shipped to Authorized Kenwood Dealers have the new firmware
upgrade already.

Existing TH-D7A owners can send radios in for the upgrade to Kenwood
Service Center West ONLY, since special equipment is required to perform
the work. Suggestion: If your normal operation pattern is not affected by
situations needing an upgrade, you may consider waiting for any future
upgrades that may be considered.

Kenwood realizes the potential of customer participation for improving our
product features. Comments on the newsgroups and listservers are welcomed.

You can download Service Bulletin ASB-1063 using the direct path listed below:
ftp://ftp.kenwood.net/e%3A/kenwood/kenftp/kenwood/Amateur/AmateurServiceBull
etins/

If you are using Microsoft's Internet Explorer and have difficulty getting
to the FTP site try this address:
http://208.197.91.81/Amateur/AmateurServiceBulletins/

Note: This latest bulletin is in the .PDF format and requires the Adobe
Acrobat Reader to view it. In the near future all currently listed
bulletins will be converted to the .PDF format for faster downloads and
clearer printable copies.

Note: This bulletin only applies to TH-D7A transceivers sold in the U.S.A.
 This information may not be valid for other TH-D7 equipment sold in Europe
or other markets.

Thank you,

Kenwood Communication Corporation
Long Beach, CA
http://www.kenwood.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

177. [htaprs] TH-D7A Mod info posted at kenwood.net

From: "Bob Derderian" <BobD@virtualconst.com>
Date: Wed, 24 Feb 1999 13:49:17
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7553-1999.02.24-13.50.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello fellow D7 users,

While crusing the ASB (Amateur Service Bulletins) section of Kenwood's site
today I found ASB 1063 which is dated 2/24/99 and gives details on sending
your D7 back to Kenwood Svc Ctr West for firmware update.

>From ASB1063 I quote;

The firmware in the TH-D7A can be updated to allow the following features
and functions:

In GPS mode, recognize latitude and longitude to the "ten-thousandths" of a
decimal place(4-digit precision). Currently reads to the hundreths
position.

In GPS mode, recognize negative temperatures such as -20 degrees
fahrenheit.

Allow a comma to be used in the middle of a Command Sentence. The original
firmware recognizes a comma as the end of a sentence.

===end quote===

It goes on to state that the upgrade only applies to serial numbers
009xxxxx and 010xxxxx and that new firmware was used in production units
from 011xxxxx.

73...Bob, N2IPH
mailto:n2iph@qsl.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

178. [htaprs] RE: TH-D7A Firmware Upgrade Release-U.S.Only

From: Foley Mark A SMSgt AFRL/MLS-OLR <Mark.Foley@robins.af.mil>
Date: Wed, 24 Feb 1999 14:55:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org, kenwood@qth.net
Message-ID: <LYR845-7554-1999.02.24-13.51.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sure would be nice to bring the stuff to Dayton...what do you think
folks?....
Mark, NA4V

-----Original Message-----
From: Kenwood [mailto:cuyeda@ix.netcom.com]
Sent: Wednesday, February 24, 1999 2:18 PM
To: TAPR HT APRS Special Interest Group
Cc: htaprs@tapr.org; kenwood@qth.net
Subject: [htaprs] TH-D7A Firmware Upgrade Release-U.S.Only

To: Kenwwood TH-D7A Owners
Subject: TH-D7A Firmware Upgrade Release

In an ongoing effort to provide industry leading support for our products,
Kenwood has released Service Bulletin ASB-1063. This bulletin can be found
on Kenwood's FTP site. Kenwood would like to express appreciation to
customers who have assisted in discovering software improvements that have
been fixed in the new firmware. We are happy to report that new TH-D7A
radios recently shipped to Authorized Kenwood Dealers have the new firmware
upgrade already.

Existing TH-D7A owners can send radios in for the upgrade to Kenwood
Service Center West ONLY, since special equipment is required to perform
the work. Suggestion: If your normal operation pattern is not affected by
situations needing an upgrade, you may consider waiting for any future
upgrades that may be considered.

Kenwood realizes the potential of customer participation for improving our
product features. Comments on the newsgroups and listservers are welcomed.

You can download Service Bulletin ASB-1063 using the direct path listed
below:
ftp://ftp.kenwood.net/e%3A/kenwood/kenftp/kenwood/Amateur/AmateurServiceBull
etins/

If you are using Microsoft's Internet Explorer and have difficulty getting
to the FTP site try this address:
http://208.197.91.81/Amateur/AmateurServiceBulletins/

Note: This latest bulletin is in the .PDF format and requires the Adobe
Acrobat Reader to view it. In the near future all currently listed
bulletins will be converted to the .PDF format for faster downloads and
clearer printable copies.

Note: This bulletin only applies to TH-D7A transceivers sold in the U.S.A.
 This information may not be valid for other TH-D7 equipment sold in Europe
or other markets.

Thank you,

Kenwood Communication Corporation
Long Beach, CA
http://www.kenwood.net

You are currently subscribed to htaprs as: MARK.FOLEY@ROBINS.AF.MIL
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

179. [htaprs] RE: TH-D7A Firmware Upgrade Release-U.S.Only

From: Foley Mark A SMSgt AFRL/MLS-OLR <Mark.Foley@robins.af.mil>
Date: Wed, 24 Feb 1999 15:03:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org, kenwood@qth.net
Message-ID: <LYR845-7556-1999.02.24-13.59.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The SB states it is for serials number 009XXXX-010XXXX...mine starts with 008...???????

-----Original Message-----
From: Kenwood [mailto:cuyeda@ix.netcom.com]
Sent: Wednesday, February 24, 1999 2:18 PM
To: TAPR HT APRS Special Interest Group
Cc: htaprs@tapr.org; kenwood@qth.net
Subject: [htaprs] TH-D7A Firmware Upgrade Release-U.S.Only

To: Kenwwood TH-D7A Owners
Subject: TH-D7A Firmware Upgrade Release

In an ongoing effort to provide industry leading support for our products, Kenwood has released Service Bulletin ASB-1063. This bulletin can be found on Kenwood's FTP site. Kenwood would like to express appreciation to customers who have assisted in discovering software improvements that have been fixed in the new firmware. We are happy to report that new TH-D7A radios recently shipped to Authorized Kenwood Dealers have the new firmware upgrade already.

Existing TH-D7A owners can send radios in for the upgrade to Kenwood Service Center West ONLY, since special equipment is required to perform the work. Suggestion: If your normal operation pattern is not affected by situations needing an upgrade, you may consider waiting for any future upgrades that may be considered.

Kenwood realizes the potential of customer participation for improving our product features. Comments on the newsgroups and listservers are welcomed.

You can download Service Bulletin ASB-1063 using the direct path listed below:
ftp://ftp.kenwood.net/e%3A/kenwood/kenftp/kenwood/Amateur/AmateurServiceBulletins/

If you are using Microsoft's Internet Explorer and have difficulty getting to the FTP site try this address:
http://208.197.91.81/Amateur/AmateurServiceBulletins/

Note: This latest bulletin is in the .PDF format and requires the Adobe Acrobat Reader to view it. In the near future all currently listed bulletins will be converted to the .PDF format for faster downloads and clearer printable copies.

Note: This bulletin only applies to TH-D7A transceivers sold in the U.S.A. This information may not be valid for other TH-D7 equipment sold in Europe or other markets.

Thank you,

Kenwood Communication Corporation
Long Beach, CA
http://www.kenwood.net

You are currently subscribed to htaprs as: MARK.FOLEY@ROBINS.AF.MIL
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

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You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

180. [htaprs] RE: TH-D7A Firmware Upgrade Release-U.S.Only

From: Steve Dimse K4HG <k4hg@tapr.org>
Date: Wed, 24 Feb 1999 15:05:30 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-7558-1999.02.24-14.06.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 2/24/99 3:03 PM Foley Mark A SMSgt AFRL/MLS-OLR
(Mark.Foley@robins.af.mil) wrote:

>The SB states it is for serials number 009XXXX-010XXXX...mine starts with
>008...???????
>
You think you have problems...mine doesn't have a serial number!

Steve K4HG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

181. [htaprs] RE: TH-D7A Firmware Upgrade Release-U.S.Only

From: Ray Vaughan <ray@rayvaughan.com>
Date: Wed, 24 Feb 1999 15:15:13 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-7561-1999.02.24-14.16.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:05 PM 2/24/99 -0500, Steve Dimse K4HG wrote:
>On 2/24/99 3:03 PM Foley Mark A SMSgt AFRL/MLS-OLR
>(Mark.Foley@robins.af.mil) wrote:
>
>>The SB states it is for serials number 009XXXX-010XXXX...mine starts with
>>008...???????
>>
>You think you have problems...mine doesn't have a serial number!
>
>Steve K4HG

That's right, rub it in... you got the collector's item ;-)

Ray, KD4BBM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

182. [htaprs] Re: TH-D7A Firmware Upgrade Release-U.S.Only

From: "Demos Doulou" <sdoulou1@tampabay.rr.com>
Date: Wed, 24 Feb 1999 15:32:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7565-1999.02.24-14.34.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When will a user flashable firmware capability be available. That is what I
am waiting for before I buy a D7

73
Demos KR4US
mailto:kr4us@amsat.org
mailto:kr4us@arrl.net

-----Original Message-----
From: Kenwood <cuyeda@ix.netcom.com>

>To: Kenwwood TH-D7A Owners
>Subject: TH-D7A Firmware Upgrade Release
>
>In an ongoing effort to provide industry leading support for our products,
>Kenwood has released Service Bulletin ASB-1063.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

183. [htaprs] D7A with Serial Numbers 008******

From: "Mark A. Keiser" <mkeiser@isi.com>
Date: Wed, 24 Feb 1999 12:44:44 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7568-1999.02.24-14.44.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have D7A number 00800092. According to Kenwood (Mike at 562-483-8740, the number in ASB-1063 Service
Bulletin), these are not upgradeable and will not be by Kenwood.

At Mike's request, I telephoned Kenwood Customer Service (310-639-5300, option '3', option '8') and spoke to "Leo" to let him know of my, uh, displeasure. He said he would check this out and get right back to me.

More to follow.......

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

184. [htaprs] RE: D7A with Serial Numbers 008******

From: Foley Mark A SMSgt AFRL/MLS-OLR <Mark.Foley@robins.af.mil>
Date: Wed, 24 Feb 1999 15:52:29 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7569-1999.02.24-14.48.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hope this isn't kenwood's way of saying thanks for purchasing the first of the HTs

-----Original Message-----
From: bounce-htaprs-6995@lists.tapr.org
[mailto:bounce-htaprs-6995@lists.tapr.org]On Behalf Of Mark A. Keiser
Sent: Wednesday, February 24, 1999 3:45 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] D7A with Serial Numbers 008******

I have D7A number 00800092. According to Kenwood (Mike at 562-483-8740, the number in ASB-1063 Service Bulletin), these are not upgradeable and will not be by Kenwood.

At Mike's request, I telephoned Kenwood Customer Service (310-639-5300, option '3', option '8') and spoke to "Leo" to let him know of my, uh, displeasure. He said he would check this out and get right back to me.

More to follow.......

You are currently subscribed to htaprs as: na4v@hom.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

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You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

185. [htaprs] Re: D7A with Serial Numbers 008******

From: "Paul E. Knupke, Jr." <pk@ij.net>
Date: Wed, 24 Feb 1999 15:47:43 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7571-1999.02.24-14.52.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think this would put alot of the earlier purchasers out of luck (mine is 00800284) - hopefully you have some better news as I don't like hearing the stuff you say.

Please let us know the outcome.

Paul
KR4YL
----- Original Message -----
From: Mark A. Keiser <mkeiser@isi.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Wednesday, February 24, 1999 3:44 PM
Subject: [htaprs] D7A with Serial Numbers 008******

>I have D7A number 00800092. According to Kenwood (Mike at 562-483-8740, the number in ASB-1063 Service Bulletin), these are not upgradeable and will not be by Kenwood.
>
>At Mike's request, I telephoned Kenwood Customer Service (310-639-5300, option '3', option '8') and spoke to "Leo" to let him know of my, uh, displeasure. He said he would check this out and get right back to me.

>
>More to follow.......
>
>
>---
>You are currently subscribed to htaprs as: PK@IJ.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

186. [htaprs] Part II: D7A and serial 008*****

From: "Mark A. Keiser" <mkeiser@isi.com>
Date: Wed, 24 Feb 1999 13:47:47 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7581-1999.02.24-15.53.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Further traffic from Kenwood:

From: Leo Fahmie <LFahmie@kenwoodusa.com>
To: "Mark A. Keiser" <mkeiser@isi.com>
Subject: RE: D7A, serial 00800092
Date: Wed, 24 Feb 1999 13:22:05 -0800

Dear Kenwood Customer:

Thank you for your e-mail. Mark relax its probably just a typo, I see you already put it on the web.
Get back to you soon.
Leo

If you need further assistance, please e-mail us again.

Sincerely,
Kenwood Customer Care

> -----Original Message-----
> From: Mark A. Keiser [SMTP:mkeiser@isi.com]
> Sent: Wednesday, February 24, 1999 1:24 PM
> To: lfahmie@kenwoodusa.com; mkeiser@isi.com
> Subject: D7A, serial 00800092
>
> Leo,
>
> I spoke with Mike at 562-483-8740, the number in ASB-1063 Service
> Bulletin. He said these are not upgradeable and will not be by Kenwood.
>
> At Mike's request, I telephoned you.
>
> Mark

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

187. [htaprs] Service Bulletin ASB-1063 ??

From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Wed, 24 Feb 1999 16:17:37 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7590-1999.02.24-16.19.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has the bulletin been removed from the site? I can seem to find it at
either location refered to.

Later
Larry

 Larry P. Thomas   wa0gwa voice : 1 913 888-0282
 Krell Technologies   fax : 1 913 782-9359
 8960 Bond   pager : 1 816 989-HELP
 Overland Park, KS   www.krell.com
 66214-1722   USA   lpthomas@krell.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

188. [htaprs] Re: D7A with Serial Numbers 008******

From: Kenwood <cuyeda@ix.netcom.com>
Date: Wed, 24 Feb 1999 14:18:22 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7591-1999.02.24-16.24.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:44 PM 2/24/99 -0800, Mark A. Keiser wrote:
>I have D7A number 00800092. According to Kenwood (Mike at 562-483-8740, the
>number in ASB-1063 Service Bulletin), these are not upgradeable and will not
>be by Kenwood.

snip...

To: Kenwood TH-D7A users
Subject: You will be taken care of! :-)

We have pulled the Service Bulletin off of the FTP site and making a
correction regarding
serial number ranges. If you have not purchased your radio within the last
week, you are entitled to the upgrade.
So please do not let this thread get out of hand and allow us to serve you.

Thank you for your patience. A corrected Service Bulletin ASB-1063 will be
posted by the end of day.

Kenwood Communication Corporation
Long Beach, CA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

189. [htaprs] Fwd: [Kenwood] TH-D7A Firmware Upgrade Release-U.S.Only

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Wed, 24 Feb 1999 14:02:16 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7594-1999.02.24-16.31.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The only trouble is that ASB-1036 isn't in the directory mentioned...

Neil Fullagar, KE6NCX

Return-Path: <owner-kenwood@ns3.qth.net>
Received: from rly-zd03.mx.aol.com (rly-zd03.mail.aol.com [172.31.33.227]) by
        air-zd02.mail.aol.com (v56.26) with SMTP; Wed, 24 Feb 1999 14:48:15
        -0500
Received: from ns3.qth.net (NS3.qth.net [207.204.29.187])
          by rly-zd03.mx.aol.com (8.8.8/8.8.5/AOL-4.0.0)
          with ESMTP id OAA29207;
          Wed, 24 Feb 1999 14:48:07 -0500 (EST)
Received: from localhost (mail@localhost)
        by ns3.qth.net (8.8.7/8.8.7) with SMTP id OAA20015;
        Wed, 24 Feb 1999 14:46:35 -0500
Received: by ns3.qth.net (bulk_mailer v1.11); Wed, 24 Feb 1999 14:45:22 -0500
Received: (from majordom@localhost)
        by ns3.qth.net (8.8.7/8.8.7) id OAA19966
        for kenwood-outgoing; Wed, 24 Feb 1999 14:45:21 -0500
Received: from dfw-ix10.ix.netcom.com (dfw-ix10.ix.netcom.com [206.214.98.10])
        by ns3.qth.net (8.8.7/8.8.7) with ESMTP id OAA19954
        for <kenwood@qth.net>; Wed, 24 Feb 1999 14:45:20 -0500
Received: (from smap@localhost)
          by dfw-ix10.ix.netcom.com (8.8.4/8.8.4)
          id NAA22653; Wed, 24 Feb 1999 13:21:20 -0600 (CST)
Received: from cuyeda.kenwoodusa.com(207.92.202.106) by dfw-ix10.ix.netcom.com
        via smap (V1.3)
        id rma022597; Wed Feb 24 13:21:09 1999
Message-Id: <4.1.19990224104044.00960540@199.182.120.3>
Message-Id: <4.1.19990224104044.00960540@199.182.120.3>
X-Sender: cuyeda@199.182.120.3 (Unverified)
X-Mailer: QUALCOMM Windows Eudora Pro Version 4.1

Date: Wed, 24 Feb 1999 11:18:15 -0800
To: Kenwood.TH-D7A.Owners@ix.netcom.com
From: Kenwood <cuyeda@ix.netcom.com>
Subject: [Kenwood] TH-D7A Firmware Upgrade Release-U.S.Only
Cc: htaprs@tapr.org, kenwood@qth.net
Sender: owner-kenwood@qth.net
Reply-To: Kenwood <cuyeda@ix.netcom.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

To: Kenwwood TH-D7A Owners
Subject: TH-D7A Firmware Upgrade Release

In an ongoing effort to provide industry leading support for our products,
Kenwood has released Service Bulletin ASB-1063. This bulletin can be found
on Kenwood's FTP site. Kenwood would like to express appreciation to
customers who have assisted in discovering software improvements that have
been fixed in the new firmware. We are happy to report that new TH-D7A
radios recently shipped to Authorized Kenwood Dealers have the new firmware
upgrade already.

Existing TH-D7A owners can send radios in for the upgrade to Kenwood
Service Center West ONLY, since special equipment is required to perform
the work. Suggestion: If your normal operation pattern is not affected by
situations needing an upgrade, you may consider waiting for any future
upgrades that may be considered.

Kenwood realizes the potential of customer participation for improving our
product features. Comments on the newsgroups and listservers are welcomed.

You can download Service Bulletin ASB-1063 using the direct path listed below:
ftp://ftp.kenwood.net/e%3A/kenwood/kenftp/kenwood/Amateur/AmateurServiceBull
etins/

If you are using Microsoft's Internet Explorer and have difficulty getting
to the FTP site try this address:
http://208.197.91.81/Amateur/AmateurServiceBulletins/

Note: This latest bulletin is in the .PDF format and requires the Adobe
Acrobat Reader to view it. In the near future all currently listed
bulletins will be converted to the .PDF format for faster downloads and
clearer printable copies.

Note: This bulletin only applies to TH-D7A transceivers sold in the U.S.A.
 This information may not be valid for other TH-D7 equipment sold in Europe
or other markets.

Thank you,

Kenwood Communication Corporation
Long Beach, CA
http://www.kenwood.net

Submissions: kenwood@qth.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

190. [htaprs] The Conclusion: D7A and Serial No. 008*****

From: "Mark A. Keiser" <mkeiser@isi.com>
Date: Wed, 24 Feb 1999 14:56:05 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7598-1999.02.24-16.54.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This just in:

From: Leo Fahmie <LFahmie@kenwoodusa.com>
To: "Mark A. Keiser" <mkeiser@isi.com>
Subject: RE: D7A, serial 00800092
Date: Wed, 24 Feb 1999 14:36:16 -0800
:

Dear Kenwood Customer:

Thank you for your e-mail. Mark send your TH-D7A to Kenwood Service Center West for upgrade.
This upgrade applies to serial number 010xxxxx and below.

If you need further assistance, please e-mail us again.

Sincerely,
Kenwood Customer Care

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

191. [htaprs] Leo at Kenwood

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Wed, 24 Feb 1999 18:26:25 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: LFahmie@kenwoodusa.com
Message-ID: <LYR845-7609-1999.02.24-17.28.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I meet Leo from Kenwood while in Orlando.. He is a very nice guy and will
get the straight answers.. (even though it may take a few days if he has to
get them from Japan)

Probably the best thing to do at the moment is wait for Leo's response..
Maybe he could post it directly to this list..

Keith

>Further traffic from Kenwood:
>
>From: Leo Fahmie <LFahmie@kenwoodusa.com>
>To: "Mark A. Keiser" <mkeiser@isi.com>
>Subject: RE: D7A, serial 00800092
>Date: Wed, 24 Feb 1999 13:22:05 -0800
>
>Dear Kenwood Customer:
>
>Thank you for your e-mail. Mark relax its probably just a typo, I see you
>already put it on the web.
>Get back to you soon.
>Leo
>
>
>If you need further assistance, please e-mail us again.
>
>Sincerely,
>Kenwood Customer Care
>
>> -----Original Message-----
>> From: Mark A. Keiser [SMTP:mkeiser@isi.com]
>> Sent: Wednesday, February 24, 1999 1:24 PM
>> To: lfahmie@kenwoodusa.com; mkeiser@isi.com
>> Subject: D7A, serial 00800092
>>
>> Leo,
>>
>> I spoke with Mike at 562-483-8740, the number in ASB-1063 Service
>> Bulletin. He said these are not upgradeable and will not be by Kenwood.
>>
>> At Mike's request, I telephoned you.
>>
>> Mark
>
>---
>You are currently subscribed to htaprs as: ksproul@vger.rutgers.edu
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

192. [htaprs] DX Cluster freq in dayton

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Wed, 24 Feb 1999 18:32:48 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7610-1999.02.24-17.34.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just 'cause I remember the Kenwood guy running around asking this question
at Orlando... what is the dxcluster freq in dayton? He wanted to show off
the dxcluster mode of the d7.

Wes
Email: kd4rdb@usa.net
APRS: http://www.qsl.net/kd4rdb/aprs.htm
My Location:
Car: http://map.aprs.net/kd4rdb-9
Truck: http://map.aprs.net/kd4rdb-10

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

193. [htaprs] Am I the only one

From: Walter Dunckel <wdunckel@best.com>
Date: Wed, 24 Feb 1999 15:47:49 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-7612-1999.02.24-17.53.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Perhaps it is because I live in a warm climate......

1.We don't have weather below 0 degrees F
2.I don't put commas in the middle of my command sentances (should I?)
3.What is 1/10,000 of a degree anyway

Is anyone else hesitant to send their radio away for a few weeks for
problems like these? I would be more tempted to if they solved problems
like the radio locking up, or allowing the selection of 9600 baud in
aprs mode, or allowing you to erase received messages, or allowing
a selection of NMEA OR Garmin - so that symbols could be sent to the
GPS unit allong with the waypoints, or ....

I don't mean to be negative, but are these the only bugs that the
update fixes, or are there more that have not been described in
ASB-1063REV1?

Walter
[Attachment: wdunckel.vcf; text/x-vcard; 123 bytes]

194. [htaprs] RE: Am I the only one

From: "Jim Olsen" <jolsen@novonyx.com>
Date: Wed, 24 Feb 1999 16:50:21 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7614-1999.02.24-18.00.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

An important point is that if your GPS unit actually puts out the 1/10,000
place (i.e. 4 decimal places) the TH-D7A doesn't recognize ANY positional
information. i.e. It doesn't work as a stand alone tracker AT ALL. This is
true with many different GPS units (including the GlobalMap 100 which I use
and the Tripmate). This fix makes it so it can work with my GPS unit.

Jim Olsen
jolsen@novonyx.com

> -----Original Message-----
> From: bounce-htaprs-7324@lists.tapr.org
> [mailto:bounce-htaprs-7324@lists.tapr.org]On Behalf Of Walter Dunckel
> Sent: Wednesday, February 24, 1999 4:48 PM
> To: TAPR HT APRS Special Interest Group
> Cc: TAPR HT APRS Special Interest Group

> Subject: [htaprs] Am I the only one
>
>
> Perhaps it is because I live in a warm climate......
>
> 1.We don't have weather below 0 degrees F
> 2.I don't put commas in the middle of my command sentances (should I?)
> 3.What is 1/10,000 of a degree anyway
>
> Is anyone else hesitant to send their radio away for a few weeks for
> problems like these? I would be more tempted to if they solved problems
> like the radio locking up, or allowing the selection of 9600 baud in
> aprs mode, or allowing you to erase received messages, or allowing
> a selection of NMEA OR Garmin - so that symbols could be sent to the
> GPS unit allong with the waypoints, or ....
>
> I don't mean to be negative, but are these the only bugs that the
> update fixes, or are there more that have not been described in
> ASB-1063REV1?
>
> Walter

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

195. [htaprs] Firmware ASB-1063 Rev 1

From: Kevin Kelly <kkelly@radix.net>
Date: Wed, 24 Feb 1999 19:20:41 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7617-1999.02.24-18.21.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The TH D7A rev 1 firmware update has been posted at
http://208.197.91.81/Amateur/AmateurServiceBulletins/ASB1063REV1.PDF
--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

196. [htaprs] Re: Am I the only one

From: Greg Kulosa <greg@gnac.com>
Date: Wed, 24 Feb 1999 16:34:16 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7619-1999.02.24-18.38.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Perhaps it is because I live in a warm climate......
>
> 1.We don't have weather below 0 degrees F
> 2.I don't put commas in the middle of my command sentances (should I?)

Ok, I'll ask. What is a 'command sentence'? Is this commands typed
from my PC in "TNC Packet" mode?

Are they referring to NMEA sentences?

Does anyone know?

--
Greg A. Kulosa | "The avalanche has already started, it is too
Systems Administrator | late for the pebbles to vote." - Ambassador Kosh
GNAC, Inc. |____
greg@gnac.com   999 Main Street - Redwood City, CA 94063

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

197. [htaprs] Re: Am I the only one

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Wed, 24 Feb 1999 19:09:56 -0500

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7623-1999.02.24-18.43.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My tripmate GPS uses the 1/10000th degree... so my tripmate would not work
with the older revision of the d7. I think there's at least one other brand
of GPS that uses it too.... can't rememeber the name, wanna say it is eagle.

Wes
Email: kd4rdb@usa.net
APRS: http://www.qsl.net/kd4rdb/aprs.htm
My Location:
Car: http://map.aprs.net/kd4rdb-9
Truck: http://map.aprs.net/kd4rdb-10
-----Original Message-----
From: Walter Dunckel <wdunckel@best.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Wednesday, February 24, 1999 6:51 PM
Subject: [htaprs] Am I the only one

>Perhaps it is because I live in a warm climate......
>
>1.We don't have weather below 0 degrees F
>2.I don't put commas in the middle of my command sentances (should I?)
>3.What is 1/10,000 of a degree anyway
>
>Is anyone else hesitant to send their radio away for a few weeks for
>problems like these? I would be more tempted to if they solved problems
>like the radio locking up, or allowing the selection of 9600 baud in
>aprs mode, or allowing you to erase received messages, or allowing
>a selection of NMEA OR Garmin - so that symbols could be sent to the
>GPS unit allong with the waypoints, or ....
>
>I don't mean to be negative, but are these the only bugs that the
>update fixes, or are there more that have not been described in
>ASB-1063REV1?
>
>Walter

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

198. [htaprs] Re: Am I the only one

From: Kevin Kelly <kkelly@radix.net>
Date: Wed, 24 Feb 1999 20:40:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-7631-1999.02.24-19.42.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

Have a look at this webpage. It explains the whole story about GPS NMEA
sentences and the TH D7A. http://www.qsl.net/n6qab/n6qabgps1.htm

Greg Kulosa wrote:
>
> > Perhaps it is because I live in a warm climate......
> >
> > 1.We don't have weather below 0 degrees F
> > 2.I don't put commas in the middle of my command sentances (should I?)
>
> Ok, I'll ask. What is a 'command sentence'? Is this commands typed
> from my PC in "TNC Packet" mode?
>
> Are they referring to NMEA sentences?
>
> Does anyone know?
>

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

199. [htaprs] Re: DX Cluster freq in dayton

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 24 Feb 1999 21:09:56 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-7636-1999.02.24-20.11.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 24 Feb 1999, Wes Johnston wrote:

> ... what is the dxcluster freq in dayton? He wanted to show off
> the dxcluster mode of the d7.

It would be nice to have a DXCLUSTR.POS file so that at any time,
anywhere, someone can just OVERLAY all the DX clusters on their APRS
screens. I am sure that such a data base exists. All one has to do is to
reformat it into the .POS format...

Any volunteers?

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

200. [htaprs] LOWRANCE GPS USERS

From: KB8QIR@aol.com
Date: Wed, 24 Feb 1999 21:18:13 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7638-1999.02.24-20.22.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Need some feedback from any users of the Lowrance GPS devices, in particular
the GlobeNav 12 units.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

201. [htaprs] Re: Am I the only one

From: Greg Kulosa <greg@gnac.com>
Date: Wed, 24 Feb 1999 18:35:06 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7641-1999.02.24-20.39.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Hi,
>
> Have a look at this webpage. It explains the whole story about GPS NMEA
> sentences and the TH D7A. http://www.qsl.net/n6qab/n6qabgps1.htm

I looked at this page. It explains the 3-decimal versus 4-decimal problem.

It does not seem to answer my question, however.

In the ftp://ftp.kenwood.net/e%3A/kenwood/kenftp/kenwood/Amateur/AmateurServiceBulletins/ASB1063REV1.PDF
firmware update document, it says:

[re-typed without permission]

> UPGRADE INFORMATION
> The firmware in the TH-D7A can be upgraded to allow the following features
> and functions:
>
> In GPS mode, recognize latitude and longitude to the "ten-thousandths"
> of a decimal place (4-digit precision). Currently it reads to the
> "hundredth" position.
>
> In GPS mode, recognize negative temperatures such as -20 degrees
> Fahrenheit.
>
> Allow a comma to be used in the middle of a Command Sentence.

> The original firmware recognizes a comma as the end of a sentence.

Now, I understand the 3 vs 4 decimal place issue in the $GPGGA
strings.

I understand the negative temperature issue (although I assume that it
is referring to receiving packets from WX stations, and has nothing to
do with "GPS mode".)

However, I do not know where I would "use a comma in the middle of a
Command Sentence". Nor do I know what a "Command sentence" is in this
context.

It sounds like somehthing that I, as a human, would enter, rather than
something received from the GPS.

Can anyone clarify this for me, or explain what they are referring to?

--
Greg A. Kulosa | "The avalanche has already started, it is too
Systems Administrator | late for the pebbles to vote." - Ambassador Kosh
GNAC, Inc. |____
greg@gnac.com   999 Main Street - Redwood City, CA 94063

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

202. [htaprs] Re: Am I the only one

From: "Ed Palmer" <PalmerEd@email.msn.com>
Date: Wed, 24 Feb 1999 21:14:37 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7647-1999.02.24-21.16.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greg,

>> Allow a comma to be used in the middle of a Command Sentence.
>> The original firmware recognizes a comma as the end of a sentence.

1. Get the MCP-D7 software.
2. Upload your configuration to the PC.
3. Change your "Status Text" on the APRS page in the MCP-D7 software to
include a comma (mine would normally be "Ed from Navarre, FL").
4. Download the revised configuration to your radio.
5. Turn off your radio.
6. Hook up your GPS to the radio.
7. Turn the radio back on and ensure that it is set to receive NMEA position
data.
8. Press "POS" and observe the dots flashing, indicating NMEA data being
received, yet the position remains all zeros and the radio beeps to indicate
bad position data about every 10 seconds (if beeps are enabled).
9. Delete the comma from your status text and reload the radio. Observe
that the GPS position is now properly interpreted by the radio.

Congratulations, you have now observed the bug Kenwood has documented! It
only took me two days of puzzling and about three hours of experimentation
before I discovered that the comma, and ONLY the comma, would cause this
behavior. Then I called Kenwood and was very quickly told "This bug is
known and fixed in the firmware update soon to come out." And here I
thought I had done a great job of isolating the bug! :-)

Yes, it's trivial, but like the four decimal precision on the GPS it's an
important fix to make to the software. My radio will be going back as soon
as I can spare it for a few days.

73,

--Ed

Ed Palmer, KU4LY
Navarre, FL
ku4ly@usa.net

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203. [htaprs] Diamond antenna

From: "Rich Casey" <casey@acm.org>
Date: Wed, 24 Feb 1999 22:37:36 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7662-1999.02.24-22.39.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kudos on he Diamond SRH519 antenna as a replacement for the stock antenna
rom Kenwood. It's a significant improvement!

By the way, my Kenwood talkie transmitter output dropped to near zero, and I
sent it in Monday to Kenwood West. It should arrive at Kenwood just in time
for the upgrade, tho I don't really don;t need it.

Rich
---------- \\ -------------------------
Rich Casey   casey@acm.org
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

204. [htaprs] More Info on my XMTR failure

From: "Rich Casey" <casey@acm.org>
Date: Wed, 24 Feb 1999 23:08:34 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7663-1999.02.24-23.10.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Almost no output on the ht, whether on external power or with another D7
battery pack. Not sure when it happened, but probably been that way for a
couple of weeks. I had been wondering why my APRS packets weren't being
heard as well as before. On my power meter, there was almost no deflection.
My friend's HT was fine; that's when I knew I had a problem.... I miss my
radio a lot after two days!

I did get my Garnin III+ in the mail from REI (www.rei.com) ($370, with my
REI dividend check paying for most of it).$50 cheaper than Fry's... amazing.
It is an impressive unit with is built-in maps. It'll be a blast with APRS.

Rich
---------- \\ -------------------------
Rich Casey   casey@acm.org
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

205. [htaprs] Re: Am I the only one

From: "Mark A. Foley" <na4v@hom.net>
Date: Thu, 25 Feb 1999 05:35:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7673-1999.02.25-04.37.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I believe I'm going to wait and see if the new firmware will do as
advertised before sending my radio back to Kenwood. It may have fixed the
current bugs, but also new quirks could pop up as a result of the
firmware....
Mark, NA4V
-----Original Message-----

From: Wes Johnston <kd4rdb@bellsouth.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Wednesday, February 24, 1999 7:44 PM
Subject: [htaprs] Re: Am I the only one

>My tripmate GPS uses the 1/10000th degree... so my tripmate would not work
>with the older revision of the d7. I think there's at least one other
brand
>of GPS that uses it too.... can't rememeber the name, wanna say it is
eagle.
>
>Wes
>Email: kd4rdb@usa.net
>APRS: http://www.qsl.net/kd4rdb/aprs.htm
>My Location:
>Car: http://map.aprs.net/kd4rdb-9
>Truck: http://map.aprs.net/kd4rdb-10
>-----Original Message-----
>From: Walter Dunckel <wdunckel@best.com>
>To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
>Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
>Date: Wednesday, February 24, 1999 6:51 PM
>Subject: [htaprs] Am I the only one
>
>
>>Perhaps it is because I live in a warm climate......
>>
>>1.We don't have weather below 0 degrees F
>>2.I don't put commas in the middle of my command sentances (should I?)
>>3.What is 1/10,000 of a degree anyway
>>
>>Is anyone else hesitant to send their radio away for a few weeks for
>>problems like these? I would be more tempted to if they solved problems
>>like the radio locking up, or allowing the selection of 9600 baud in
>>aprs mode, or allowing you to erase received messages, or allowing
>>a selection of NMEA OR Garmin - so that symbols could be sent to the
>>GPS unit allong with the waypoints, or ....
>>
>>I don't mean to be negative, but are these the only bugs that the
>>update fixes, or are there more that have not been described in
>>ASB-1063REV1?
>>
>>Walter
>
>
>---
>You are currently subscribed to htaprs as: na4v@hom.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

206. [htaprs] Re: More Info on my XMTR failure

From: "Don Boekenkruger" <ve7cbt@home.com>
Date: Wed, 24 Feb 1999 22:55:24 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7668-1999.02.25-00.54.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey there Rich,

Sorry to hear about your radio.

My initial question would be... Is this problem on both VHF & UHF? Or Just
VHF? Asuming you did not check the power output of the UHF side, I'd guess
your problem is a blown VHF power module.

A power module can blow fairly easily, especially when changing antennas
while leaving the radio on. Generally, this is not a problem, as long as
you are careful not to hit the PTT button while there is no load on the
output. And I am sure you were careful not to press the PTT button, I know
I am always careful about that...

But there's this neat little thing inside the TH-D7A called a TNC, and they
can "command" the radio to transmit whenever they feel like it. Normally
they will not do this unless the frequency is clear. So, unbeknownst to
you, your radio may have been waiting for idle time on the frequency, and
once the antenna is removed, that's good enough for it... (I call this the
"Self Destruct" feature...)

Or it could simply be that it was time for your radio to beacon, or you were
being sent a message just as you were taking the antenna off and your radio
went to "ack"... I'd asume the more common is the DCD scenario, or the
BEACON scenario, both are EXTREMELY possible.

I did run this scenario by someone at Kenwood USA a week or so after the
radio was released, and told them they may want to add a memorandum (sp) to
the manual telling users to either turn the TNC in the radio off before
disconnecting the antenna, or turn the radio entirely off. The latter being
the best option, as it is a good habit to get into as mistakes can happen.
I did mention to Kenwood that if they did not do so, there could be a good
chance that they'll get a lot of radios sent back with blown power modules.

Quite possibly what's happened in your case...

No idea if Kenwood has made any effort to warn people of the radio's
potential "self destruct" feature.

Don. VE7CBT.

All in all, very impressed with my TH-D7A's hefty 6 watt output... (Bird
Confirmed)

-----Original Message-----
From: Rich Casey <casey@acm.org>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Wednesday, February 24, 1999 9:09 PM
Subject: [htaprs] More Info on my XMTR failure

>Almost no output on the ht, whether on external power or with another D7
>battery pack. Not sure when it happened, but probably been that way for a
>couple of weeks. I had been wondering why my APRS packets weren't being
>heard as well as before. On my power meter, there was almost no deflection.
>My friend's HT was fine; that's when I knew I had a problem.... I miss my
>radio a lot after two days!
>
>I did get my Garnin III+ in the mail from REI (www.rei.com) ($370, with my
>REI dividend check paying for most of it).$50 cheaper than Fry's...
amazing.
>It is an impressive unit with is built-in maps. It'll be a blast with APRS.
>
>Rich
>----------- \\ -------------------------
>Rich Casey   casey@acm.org
>Amateur Radio N5CSU
>Dallas Texas
>www.startext.net/homes/rcasey
>
>
>
>---
>You are currently subscribed to htaprs as: DONB@DIRECT.CA
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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207. [htaprs] power the gp-35 from the th-d7 battery?

From: "Scott Anderson" <scottra@usa.net>
Date: Thu, 25 Feb 1999 6:14:22
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7679-1999.02.25-06.15.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Regarding getting together a th-d7, gp35, palm rig for an upcoming
backpacking trip I am taking, I have a power questions:

To minimize the part count and weight, I was hoping to power the gp35 from
the th-d7 battery pack. Has anyone done this successfully (or is that a
dumb idea?)

Regards,

Scott
VE7OHF
scottra@usa.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

208. [htaprs] Firmware upgrade for TH-D7E ???

From: "Ian Tickle" <ian@tickly.freeserve.co.uk>
Date: Thu, 25 Feb 1999 12:40:59 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7681-1999.02.25-06.42.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is the firmware upgrade going to be avaliable to us users of the "E" version of this wonderful radio ???

I have a Garmin GPS30PC which I understand will not work properly with the hand-held. I take it the
upgrade will only apply to the U.S. "A" version for now. Does this mean us people in Europe have to put
 up with inferior radios, or have they already been modified ???

Any ideas/comments welcomed.

Regards,

Ian G4ZJH.

209. [htaprs] RE: LOWRANCE GPS USERS

From: "Jim Olsen" <jolsen@novonyx.com>
Date: Thu, 25 Feb 1999 10:36:20 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7715-1999.02.25-11.46.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use the Lowrance GlobalMap 100, and it is probably one of the best units
out there I have seen. I have access to many different brands of GPS units
through friends, and no other handheld I have seen meets the variety of
features.

Major Pluses:

The screen is superb compared to any other unit.

Maps are downloadable from CDROM. The maps are very detailed for Rural
areas, not as good (but still good) in cities.

One of the more sensitive receivers I have seen. Locks on quick and
maintains lock in a large variety of situations (even in my garage).

Good control of all features, as well as allowing you to define your own
groups of windows on the screen.

The cable it ships with is modifiable to allow the attachment of the three
pin cable the TH-D7A ships with. I use the same cord for connection to
power/PC/D7A.

Not as major minuses:

Lowrance won't share the map format. I would love to write my own software
to download maps.

A bit bulkier than some of the smaller units. It is the same exact size as
the Eagle Explorer.

Price is higher than other units.

Has four decimal places, so you will need the firmware upgrade.

Just one mans opinion,

Jim Olsen
jolsen@novonyx.com

> -----Original Message-----
> From: bounce-htaprs-7324@lists.tapr.org
> [mailto:bounce-htaprs-7324@lists.tapr.org]On Behalf Of KB8QIR@aol.com
> Sent: Wednesday, February 24, 1999 7:18 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] LOWRANCE GPS USERS
>
>
> Need some feedback from any users of the Lowrance GPS devices, in
> particular
> the GlobeNav 12 units.
>
> ---
> You are currently subscribed to htaprs as: jolsen@novonyx.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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210. [htaprs] RE: LOWRANCE GPS USERS

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Thu, 25 Feb 1999 10:10:11 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7717-1999.02.25-12.12.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim Olsen said:
> I use the Lowrance GlobalMap 100, and it is probably one of the best units
> out there I have seen.
<SNIP>
> Maps are downloadable from CDROM. The maps are very detailed for Rural
> areas, not as good (but still good) in cities.

Thanks Jim, I am interested in identifying graphics display GPSs that have
good rural road detail.

Does the Lowrance GlobalMap 100 accept the $GPWPL (waypoint location)
sentence from the TH-D7A?

Thanks,
Russ Brown, KB6LUD

P.S. I hope http://www.qsl.net/n6qab/n6qabgps1.htm   will include $GPWPL
info someday   :-)

$GPWPL-capable units that I've heard of: All Garmins except StreetPilot and
fishfinders. Any other makes?? This is not a Garmin proprietary sentence
is it?

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211. [htaprs] RE: LOWRANCE GPS USERS

From: "Jim Olsen" <jolsen@novonyx.com>
Date: Thu, 25 Feb 1999 11:29:57 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7720-1999.02.25-12.40.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Does the Lowrance GlobalMap 100 accept the $GPWPL (waypoint location)
> sentence from the TH-D7A?

I do not believe this sentence is supported, and I believe it is Garmin
specific. I have not been able to try the unit with the TH-D7A yet. I will
ship my D7A out for firmware upgrade and will give the definitive answer
when I get it back.....

For a great site reviewing GPS units with ALL sorts of detail, try:

http://joe.mehaffey.com/

It has a good review of the units. It also pointed out that there is a new
version of the software for the global map, so I will have some new features

to play with tonight :-)....

Jim Olsen
jolsen@novonyx.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

212. [htaprs] RE: LOWRANCE GPS USERS

From: mead <mead@hamal.usc.edu>
Date: Thu, 25 Feb 1999 11:03:25 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>,
mead@hamal.usc.edu
Message-ID: <LYR845-7723-1999.02.25-13.04.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > Does the Lowrance GlobalMap 100 accept the $GPWPL (waypoint location)
> > sentence from the TH-D7A?
>
> I do not believe this sentence is supported, and I believe it is Garmin
> specific. I have not been able to try the unit with the TH-D7A yet. I will
It is not supported on my Global Map Sport. I sent a note to
Lowrance asking if they would consider doing so, along with a
sample output from the D7A. Other owners should do likewise.

Dick WB6NGC

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

213. [htaprs] Re: [Kenwood] TH-D7A Firmware Upgrade Release-U.S.Only

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Thu, 25 Feb 1999 12:44:33 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7743-1999.02.25-15.19.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's there now. I'm gonna check it out.

_____ Reply Separator _____
Subject: Fwd: [Kenwood] TH-D7A Firmware Upgrade Release-U.S.Only
Author: Neil Fullagar at APLACS
Date: 2/24/99 14:02

The only trouble is that ASB-1036 isn't in the directory mentioned...

Neil Fullagar, KE6NCX

Date: Wed, 24 Feb 1999 11:18:15 -0800
To: Kenwood.TH-D7A.Owners@ix.netcom.com
From: Kenwood <cuyeda@ix.netcom.com>
Subject: [Kenwood] TH-D7A Firmware Upgrade Release-U.S.Only
Cc: htaprs@tapr.org, kenwood@qth.net
Sender: owner-kenwood@qth.net
Reply-To: Kenwood <cuyeda@ix.netcom.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

To: Kenwwood TH-D7A Owners
Subject: TH-D7A Firmware Upgrade Release

In an ongoing effort to provide industry leading support for our products,
Kenwood has released Service Bulletin ASB-1063. This bulletin can be found
on Kenwood's FTP site. Kenwood would like to express appreciation to
customers who have assisted in discovering software improvements that have
been fixed in the new firmware. We are happy to report that new TH-D7A
radios recently shipped to Authorized Kenwood Dealers have the new firmware
upgrade already.

Existing TH-D7A owners can send radios in for the upgrade to Kenwood
Service Center West ONLY, since special equipment is required to perform
the work. Suggestion: If your normal operation pattern is not affected by
situations needing an upgrade, you may consider waiting for any future
upgrades that may be considered.

Kenwood realizes the potential of customer participation for improving our
product features. Comments on the newsgroups and listservers are welcomed.

You can download Service Bulletin ASB-1063 using the direct path listed below:
ftp://ftp.kenwood.net/e%3A/kenwood/kenftp/kenwood/Amateur/AmateurServiceBull
etins/

If you are using Microsoft's Internet Explorer and have difficulty getting
to the FTP site try this address:
http://208.197.91.81/Amateur/AmateurServiceBulletins/

Note: This latest bulletin is in the .PDF format and requires the Adobe
Acrobat Reader to view it. In the near future all currently listed
bulletins will be converted to the .PDF format for faster downloads and
clearer printable copies.

Note: This bulletin only applies to TH-D7A transceivers sold in the U.S.A.
 This information may not be valid for other TH-D7 equipment sold in Europe
or other markets.

Thank you,

Kenwood Communication Corporation
Long Beach, CA
http://www.kenwood.net

Submissions: kenwood@qth.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

214. [htaprs] Re: Am I the only one

From: Greg Kulosa <greg@gnac.com>
Date: Thu, 25 Feb 1999 17:05:15 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7773-1999.02.25-19.08.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Greg,
>
> >> Allow a comma to be used in the middle of a Command Sentence.
> >> The original firmware recognizes a comma as the end of a sentence.
>
>
> 1. Get the MCP-D7 software.
> 2. Upload your configuration to the PC.
> 3. Change your "Status Text" on the APRS page in the MCP-D7 software to
> include a comma (mine would normally be "Ed from Navarre, FL").
> 4. Download the revised configuration to your radio.
> 5. Turn off your radio.
> 6. Hook up your GPS to the radio.
> 7. Turn the radio back on and ensure that it is set to receive NMEA position
> data.
> 8. Press "POS" and observe the dots flashing, indicating NMEA data being
> received, yet the position remains all zeros and the radio beeps to indicate
> bad position data about every 10 seconds (if beeps are enabled).
> 9. Delete the comma from your status text and reload the radio. Observe
> that the GPS position is now properly interpreted by the radio.
>
> Congratulations, you have now observed the bug Kenwood has documented! It
> only took me two days of puzzling and about three hours of experimentation
> before I discovered that the comma, and ONLY the comma, would cause this
> behavior. Then I called Kenwood and was very quickly told "This bug is
> known and fixed in the firmware update soon to come out." And here I
> thought I had done a great job of isolating the bug! :-)

Ahh, thank you for explaining. I still don't understand why they use
the term "Command Sentence", when "Status Text" would explain the issue
much better.

I am not going to send mine back in then, since I do not have problems
with any of the 3 "bugs".

> 73,
>
> --Ed
> -----
> Ed Palmer, KU4LY
> Navarre, FL
> ku4ly@usa.net

--
Greg A. Kulosa | "The avalanche has already started, it is too
Systems Administrator | late for the pebbles to vote." - Ambassador Kosh
GNAC, Inc. |_____
greg@gnac.com 999 Main Street - Redwood City, CA 94063

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215. [htaprs] gps 20

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Thu, 25 Feb 1999 23:01:23 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7796-1999.02.25-22.02.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

is the pinout of the GPS 20 just like the 25?
Wes
Email: kd4rdb@usa.net
APRS: http://www.qsl.net/kd4rdb/aprs.htm
My Location:
Car: http://map.aprs.net/kd4rdb-9
Truck: http://map.aprs.net/kd4rdb-10

216. [htaprs] TH-D7A and Garmin GPS-12XL (Need Help)

From: "Raybould, Edward (Ned) S" <Edward_Raybould@dscc.dla.mil>
Date: Fri, 26 Feb 1999 10:15:22 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7872-1999.02.26-09.16.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello everyone,

I received my new Kenwood TH-D7A (S/N 01100163) a couple of days ago.
According to the new ASB-1063 Rev. 1 service bulletin, this radio should
have the new firmware upgrade that many people on this list have been
referring to. I also own a Garmin GPS-12XL receiver (version 2.02
firmware). Last night, I was attempting to interface the radio and the GPS
receiver, but I am having problems. At one point last night, I was
successfully getting new waypoints showing up in the waypoints list as new
APRS beacons were coming over the air. My problem is that the position
information from the GPS receiver is apparently not making it to the radio
(when I hit the "POS" button on the radio, I just get the default JJ00AA
grid square, and zeroed values of lat/long). The GPS receiver is fully
locked onto a good half-dozen satellites and is in the "3D Nav" mode.

Last night, when I finally gave up, I had the GPS receivers interface set up
to "NMEA/NMEA NMEA 0183 2.0 4800 baud". The radio (under the APRS / GPS
Unit option) was set to "NMEA" as opposed to "Not Used". I think that I
have the Garmin Power/Data cable properly wired to the Kenwood-supplied
GPS/PC cable, but this is the area where I am not exactly clear. Kenwood
labels the cable with Ground, TXD, and RXD, but Garmin labels their
power/data cable with Ground, +DC, Data Out, and Data In. So, I may have
made the connection incorrectly. My other concern or question is whether I
have to go into the Garmin's set-up screen and set up the position format to
a specific format (under the Navigation sub-menu). Are there other settings
that I need to make on the Garmin or Kenwood?

By the way, if I manually set my position in the radio, the APRS features
work fine. As a matter of fact, this morning my station was showing up on
the APRServe website (http://www.aprs.net) just where it should be.

Your assistance would be greatly appreciated.

73's,

Ned Raybould, N8OIF

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217. [htaprs] Firmware upgrade

From: joe.lagreek@edwardjones.com
Date: Fri, 26 Feb 1999 12:32:33 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7925-1999.02.26-12.34.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Personally, I would have my HT upgraded even if I did not need the fixes. The next GPS you buy may have 4 decimal places. Then you will be wondering why the GPS/HT doesn't work. The upgrade may not be free then. Also you may sell that HT someday, and the next guy may need the upgrade (that is if you care about your fellow ham).

Soap box on

Kenwood did not have to fix these bugs, but they did, Thank you Kenwood. OK the service bulletin had some typos, can you translate Japanese to English? They fixed it move on. Lets review what it took for them to make this fix. I will probably miss some steps myself:

1. We found bugs
Kenwood:
2. Recreate bugs,
3. Write and test new code, make sure it fits into available rom
4. burn rom, test
5. repeat steps 3 & 4 until correct
6. burn a rom for every D7 sold that needs updating? 1000? 2000?
7. train and equip service department to handle upgrade.
8. do the upgrade to lots of HTs under warranty.

nuff said,

Soapbox off
Flame suit on

Joe LaGreek
IS Mainframe
Bldg 201 2nd floor
Phone: (314) 515-2721
Pager: (314) 491-8920
Fax: (314) 515-4659
E-mail: joe.lagreek@edwardjones.com

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218. [htaprs] GPS interface to TH-D7

From: "David Evans" <ve6dxx@attcanada.net>
Date: Fri, 26 Feb 1999 15:02:40 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7947-1999.02.26-16.07.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

I have just purchased the TH-D7. Everything seems to work OK, but I am unable to get GPS data from my GPS to the TH-D7.

My GPS rx is the Garmin 45 XL. On the interface page I have set:-

NONE/NMEA
NMEA 0183 1.5
4800 baud

Does this automatically output data ?

On the TH-D7 I have done everything on page 62 of the handbook.

The interface lead seems to check out OK all the way from the GARMIN plug to the TH-D7 plug. Kenwood told me that when the GPS is connected and you press the POS button, the Lat & Long display should read all zero's, but that the display should flash when data comes from the GPS rx. My display does not flash!

Any good ideas please ?

73 David, VE6DXX
Edmonton, Alberta.

219. [htaprs] Re: GPS interface to TH-D7

From: "Peter Jones" <peterbe@erols.com>
Date: Fri, 26 Feb 1999 17:29:31 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7951-1999.02.26-16.28.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi David,

The NONE/NMEA is in the format of OUTPUT/INPUT, so you are set to no output. Set it for NMEA or NMEA/<whatever> and you should be good to go. I am not sure about NMEA version 1.5 will work, but you'll find out! I bet it will. I am sure there are other 45XL users on the list.

Also, the display may start with zeroes, but as soon as it updates, you'll see your position. The degrees and decimal symbols start to flash immediately upon receiving good data, but it only updates your position occasionally (must be when it sees a significant change). Also, it plays a dual tone when it receives the first good position, then chirps to let you know if you lose GPS lock and aren't getting good data, a good feature. Unfortunately, it doesn't do this if your GPS isn't present (like when the batteries go dead).

Hope that helps,

73 DE Peter N7MXK

> -----Original Message-----
> From: David Evans <ve6dxx@attcanada.net>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Date: Friday, February 26, 1999 5:07 PM
> Subject: [htaprs] GPS interface to TH-D7
>
> Hi
>
> I have just purchased the TH-D7. Everything seems to work OK, but I am unable to get GPS data from my GPS to the TH-D7.
>
> My GPS rx is the Garmin 45 XL. On the interface page I have set:-
>
> NONE/NMEA
> NMEA 0183 1.5
> 4800 baud
>
> Does this automatically output data ?
>
> On the TH-D7 I have done everything on page 62 of the handbook.
>
> The interface lead seems to check out OK all the way from the GARMIN plug to the TH-D7 plug. Kenwood told me that when the GPS is connected and you press the POS button, the Lat & Long display should read all zero's, but that the display should flash when data comes from the GPS rx. My display does not flash!
>
> Any good ideas please ?
>
> 73 David, VE6DXX
> Edmonton, Alberta.

220. [htaprs] Re: GPS interface to TH-D7

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 26 Feb 1999 20:20:03 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-7980-1999.02.26-20.21.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The NONE/NMEA is in the format of OUTPUT/INPUT, so you are set to no output. >Set it for NMEA or NMEA/<whatever> and you should be good to go. I am not

other way around if thinking of the GPS as the control device.

in/out   at in   RTCM/NMEA   RTCM is an input

You will be happy to know the new Garmin III+ and newer units

just have Garmin or NMEA or NONE as the selection
The RTCM/NMEA is there as well as a RTCM IN selection

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

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221. [htaprs] GPS to TH-D7 - now working.

From: "David Evans" <ve6dxx@attcanada.net>
Date: Fri, 26 Feb 1999 23:45:56 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8019-1999.02.27-00.49.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

Thanks to advice from KC5EJK, N7MXK, KF4HJX & Mark Keiser I am now transferring data from my Garmin GPS receiver to the TH-D7; thanks guys very much.

I had 2 things wrong: -

1) I had wired the interface cable incorrectly. If you use the cable supplied with the TH-D7 then the OUTPUT from the GPS rx wants to appear on the 'ring' of the small (3 way) plug which goes into the GPS socket on the TH-D7. The 'ring' is the center portion of the plug, that is between the 'tip' and the 'sleeve'. The 'sleeve' (the bit that goes into the socket last) is the Earth/Ground.

The data in and out on the GPS lead is wired in the reverse way to the lead which connects a computer to the PC socket on the TH-D7. The description for wiring the leads in the Kenwood manual does seem ambiguous to me!

2) I had set the GPS incorrectly, so that it did not give any output data! Currently I have the GPS set at NMEA/NMEA, NMEA 0183 2.0 and the default baud rate of 4800.

Again, many thanks to all ... I am delighted it all now works OK.

73 David, VE6DXX
Edmonton, Alberta.
Http://home.earthlink.net/~ve6dxx

222. [htaprs] TH-D7A Update Serial number

From: Dave Hungerford <dave@hungerford.cc>
Date: Sat, 27 Feb 1999 18:21:43 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8085-1999.02.27-17.28.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I assume new TH-D7A units include the new updated software. Does anyone know at what serial number
the new TH-D7A include the new updated software? I want to buy the HT but I would like to buy it with the
new firmware. Is there a simple way to test the HT to determine which version of the firmware it is operating?

Dave Hungerford
N1OLX

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223. [htaprs] TH-D7A

From: "Larry Bateman" <lwoody@micron.net>
Date: Sun, 28 Feb 1999 19:47:46
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8229-1999.02.28-19.49.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can anyone tell me what TNC initialization file to run with APRA+SA for a TH-D7A?

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224. [htaprs] Re: TH-D7A

From: "Mark Pedroia" <kf6tys@hotmail.com>
Date: Sun, 28 Feb 1999 19:46:49 PST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8268-1999.02.28-23.35.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Can anyone tell me what TNC initialization file to run with APRA+SA for
a
>TH-D7A?
>

Try this website, he's got alot of info

http://www.best.com/~wdunckel/thd7.html

Mark Pedroia
KF6TYS
kf6tys@hotmail.com

_____
Get Your Private, Free Email at http://www.hotmail.com

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March 1999

Original source file: htaprs.9903
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9903

1. [htaprs] thd7E upgrade

From: "Tasos Zachariou" <sv1rd@nbg.gr>
Date: Mon, 1 Mar 1999 04:58:59 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8314-1999.03.01-09.03.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What about European version?
Is the upgrade version ready now?
I still have the problem with my colotrack Magelan.

Tasos Zachariou
sv1rd@nbg.gr sv1rd@eexi.gr

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2. [htaprs] th-d7 to magellan gps fix

From: "steve scott" <kd8s@skylink.net>
Date: Mon, 1 Mar 1999 08:26:06 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8322-1999.03.01-10.25.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

does the new firmware upgrade make the magellan meridian xl talk to the
TH-D7 now?

73   steve scott las vegas, nevada
kd8s@skylink.net   Las Vegas, Nevada got a ham radio license? check out
www. lvrac.org
Technician TV-21/33

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3. [htaprs] Re: th-d7 to magellan gps fix

From: Walter Dunckel <wdunckel@best.com>
Date: Mon, 01 Mar 1999 08:56:37 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-8330-1999.03.01-11.03.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Probably.

It should make the unit accept lat/lon data with 2,3 and 4 decimal
places. No promises though. You could hook it up at your local ham
store to be sure.

Walter

steve scott wrote:
>
> does the new firmware upgrade make the magellan meridian xl talk to the
> TH-D7 now?
>
> 73   steve scott las vegas, nevada
> kd8s@skylink.net   Las Vegas, Nevada got a ham radio license? check out
> www. lvrac.org
> Technician TV-21/33
>
> ---
> You are currently subscribed to htaprs as: wdunckel@best.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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4. [htaprs] Re: th-d7 to magellan gps fix

From: "Scott, John" <John.Scott@pcs.bls.com>
Date: Mon, 1 Mar 1999 14:15:45 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8348-1999.03.01-13.10.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If they do this fix correctly, they will just scan the string for the comma
that delimits the fields in the data string.
Then they can throw any fields they don't need away, and shave any excess
digits off of the fields they want to keep.
That way it will ALWAYS work. But what do I know, I only learned to parse
output files from mainframes.

-John Scott
kd4vhg

> ----------
> From: Walter Dunckel[SMTP:wdunckel@best.com]
> Sent: Monday, March 01, 1999 11:56 AM
> To: TAPR HT APRS Special Interest Group
> Cc: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: th-d7 to magellan gps fix
>
> Probably.
>
> It should make the unit accept lat/lon data with 2,3 and 4 decimal
> places. No promises though. You could hook it up at your local ham
> store to be sure.
>
> Walter
>
> steve scott wrote:
> >
> > does the new firmware upgrade make the magellan meridian xl talk to the
> > TH-D7 now?
> >
> > 73   steve scott las vegas, nevada
> > kd8s@skylink.net   Las Vegas, Nevada got a ham radio license? check out
> > www. lvrac.org
> > Technician TV-21/33
> >
> > ---
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> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: JOHN.SCOTT@PCS.BLS.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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5. [htaprs] Re: TH-D7A Firmware Upgrade Release-U.S.Only

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Mon, 1 Mar 99 18:06:02 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>,
        htaprs@tapr.org, kenwood@qth.net
Message-ID: <LYR845-8384-1999.03.01-17.09.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood <cuyeda@ix.netcom.com> wrote:

>Kenwood has released Service Bulletin ASB-1063

In this bulletin (REV1), it states:

>In GPS mode, recognize latitude and longitude to the "ten-thousandths"
> of a decimal place (4-digit precision). Currently it reads to the
> "hundredth" position.

Is this imprecise wording or is it the case that greater than 4-digit

precision will still not work? In a previous posting to this list I
pointed out that the Ashtech GG-Surveyor (www.ashtech.com) is an
example of a GPS that generates positions to 6-digit precision. Will
this fix to the GPS parser accept greater than 4-digit precision and
round/truncate as needed or will it fail to parse?

Also, what is the drop-dead date on my choosing to take advantage of
this fix to my unit after which it will no longer be covered as a
warranty repair? I am considering holding out for a potential future
microcode upgrade (if any) and/or expansion of the upgrade program to
other than the west coast facility.

Thanks.

Alan Crosswell, N2YGK
s/n 800101

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6. [htaprs] Re: D7 Aircraft band AM mode

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Mon, 1 Mar 99 22:37:22 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8456-1999.03.01-21.39.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Am I missing a critical step, or does the AM mode not 'stick' to a channel
> once it's set? If I set an aircraft band channel to AM, changing to
> another channel and back causes it to reset back to FM. And programming AM
> mode with the MCP-D7 program doesn't seem to work either. Is this a bug?
>
>
>
>
> Doug Wetzel
> K7IP
> Seattle APRS Coordinator
> 47 38 00N 122 20 29W
> ICQ 164635
>
> dwetzel@earthlink.net
>
> http://home.earthlink.net/~dwetzel
>
> ---
> You are currently subscribed to htaprs as: N2YGK@WECA.ORG
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

Don't recall seeing a reply to this. Happened to be stuck at CHI for 3 hours
thanks to UAL flight consolidation (officially called equipment problems)
so I finally played with airband:-)

I believe what you are seeing is you can temporarily change settings that are
in the memory channels but they don't stick. I think this is a feature:-)
To make it stick, write the memory to the VFO, make the change(s), write
the VFO back to the memory. At least that worked for me. Dunno about
using the programmer -- you mean AM mode for the VFO or for a specific
memory channel? Once the VFO is in AM mode all new memory saves will work.
The VFO will go out of AM mode when it goes outside the airband. At least
that's my understanding.

Would have rather been home on time than gained this knowledge:-)
73 de Alan N2YGK

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7. [htaprs] RE: Diamond antenna

From: "Cor Knijnenburg" <corknijnenburg@scg-inc.com>
Date: Mon, 1 Mar 1999 23:15:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8459-1999.03.01-22.19.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the same antenna as Rich and have noticed a significant improvement
in signal gain and being able to hit a repeater or not. On the receive it
improved about 2 s signals (ie. s5 is now s7). As I'm new to the American
Ham radio world (having been a HAM in Holland for several years) and this
being my only radio (for now) I'm very pleased with the purchase of this
antenna.

Cor Knijnenburg
KD5GIB-7
Carrollton, TX

-----Original Message-----
From: bounce-htaprs-3697@lists.tapr.org
[mailto:bounce-htaprs-3697@lists.tapr.org]On Behalf Of Rich Casey
Sent: Wednesday, February 24, 1999 11:38 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Diamond antenna

Kudos on he Diamond SRH519 antenna as a replacement for the stock antenna
rom Kenwood. It's a significant improvement!

By the way, my Kenwood talkie transmitter output dropped to near zero, and I
sent it in Monday to Kenwood West. It should arrive at Kenwood just in time
for the upgrade, tho I don't really don;t need it.

Rich
---------- \\ -------------------------
Rich Casey   casey@acm.org
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

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8. [htaprs] Lockups on TH-D7A

From: Ed_Mulholland@hunt-corp.com
Date: Wed, 3 Mar 1999 08:21:11 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8629-1999.03.03-07.37.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I inquired to Kenwood about power lockups and below is my inquiry and their
response. If I read their response right, they are not hearing much about
this type of problem. If others have had this happen to them, how about
letting Kenwood know so their engineering staff can get a fix out to us.

My original question to Kenwood:

I have had seven occasions where the radio has locked up and requires all
power to be removed including removing the battery. The first time I
was plugging in the GPS and computer inputs. I was not particularly
surprised since doing, this one could expect an occasional problem.
However the next six times the radio locked up while in use, the last being
 during transmit leaving the radio in full transmit (this is not good) and
no way to control it other than removing the battery while it was in
transmit mode (this is even worse). The previous four times it occurred,
was
when I pushed the transmit (PPT) on my HMC-3 headset. I use the Eagle GPS
and power the TH-D7A with battery power from the car's
cigarette lighter. I noticed no unusual vehicle variances and since I'm
using the headset, nothing is touching or handling the unit.
Having said all this, is there a correction I can make, a factory mod you
can do, or should I return the unit for refund? I am willing to trade this
unit for another, leaving all internal settings as they are, and let your
lab check it out. I notice others are noting similar problems on the Taper
Sig site so it may be more generic than just my unit.
Kenwood's reply:

Ed,
Thank you for your report we are looking into your situation and do not
have any evaluation reports for this type of failure. We will watch the
thread for other similar complaints for reference.

73,
Kenwood Communications

Ok folks if you have had a similar problem let them know. If you have
found a fix, let us all know.

73s   KA4WWV   Ed

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9. [htaprs] TH-D7 KEYBOARD LOCKUP

From: "liz" <kd8s@skylink.net>
Date: Wed, 3 Mar 1999 06:41:14 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8643-1999.03.03-08.40.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

saw the posting about another ham with this problem. i wrote a letter to
kenwood a month ago outlineing that problem and another one. it happens "out
of the blue"
i have had it happen on the cig lighter, onboard battery pack. it just
stops operating and you have no keyboard control at all, no power off
nothing. removal of the power source kills the power for sure, but
sometimes when you plug the pack back in it does a full reset and i have to
reenter all my channel data pl aprs ect. that is a real pain. with the
software now and my pc it takes less time than before so thats good.
                  the other weird thang that has happened from day one, is
that i will have the rig sitting on a simplex channel, 146.73mhz just
monitoring, then the squelch will open and close and the green signal light
comes on and off, pulseing, the rig itself is generating a signal on top of
the frequency i am trying to rx. it happens no matter if its on scan or
whatever this makes it a real pain when trying to listen all day. the aprs
is off when it does it. i work for a tv station , and get out to the middle
of the desert on transmitter repair. well i stopped one day 50 miles out of
town and went 5 miles into the middle of a dry lake bed put the radio about
2000 feet out away from my truck and i went back to the truck with
binoculars. 10 minutes later its starts to pulsate.
       this procedure eliminated other sources mixing with my rig, my pager,
watch, other rf, test gear etc. its as if i put it in a rf sheilded room.
if i put the squelch at max, it blocks out the repeater signal, but the
unit still will pulse on receive mode.

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10. [htaprs] Re: TH-D7 KEYBOARD LOCKUP

From: Alan Crosswell <n2ygk@weca.org>
Date: Wed, 3 Mar 99 10:28:47 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8648-1999.03.03-09.30.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>monitoring, then the squelch will open and close and the green signal light

I've seen this birdie too. It seemed to correlate with when I had it in
dual band mode. Like you say, does not seem to have anything to do with
the TNC being on or off. I was thinking it might have something to do with
battery status.

/a

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11. [htaprs] TH-D7A Lockup and pulsing unsquelch problems

From: Phillip Clark <pbclark1@ibm.net>
Date: Wed, 03 Mar 1999 09:45:58 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-8668-1999.03.03-11.46.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a TH-D7A (S/N 00800212) purchased in Dec.1998. I have
experienced both the lockup problem (3 times) that requires removal of
all power to eliminate, and the pulsing green light unsquelch/squelch
situation that has happened 3-4 times. They both seem to occur at
random, and so far I haven't been able to correlate their occurance with
anything.

I have just shipped my unit to Kenwood for the firmware fix for lat/lon
precision, but I imagine it will take another trip back when the fixes
to the above problems are available.

Phil KD6SP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] Re: TH-D7A Lockup and pulsing unsquelch problems

From: Walter Dunckel <wdunckel@best.com>
Date: Wed, 03 Mar 1999 10:38:10 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-8674-1999.03.03-12.45.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I too have had the problem of lockups. It has happened to me about
ten or more times. All were when I had the unit plugged into the cigaret
lighter with the TNC on. When this happened the unit would either have
an open squelch, but not really receiveing anything, or closed squelch
and not receiving anything. I would have to remove the power source and
then the unit would again receive (but no memory lost).

Since this never happened to me while the unit was self powered, I
figured the problem was fluctuations in the power source (cigaret
lighter) confusing the proccessor.

Walter

KD6VYV
[Attachment: wdunckel.vcf; text/x-vcard; 123 bytes]

13. [htaprs] Re: TH-D7A Lockup and pulsing unsquelch problems

From: "Bass, Kenneth C., III" <kcbass@venable.com>
Date: Wed, 3 Mar 1999 13:46:15 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8675-1999.03.03-12.48.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are those of you having this problem using the Kenwood filtered adapter or
an unfiltered 12vDC cord?

I've not experienced this problem in daily use in the car since early
December with the Kenwood adapter and the TH-D7A.

Ken Bass
K4EVH
-----Original Message-----
From: bounce-htaprs-3631@lists.tapr.org
[mailto:bounce-htaprs-3631@lists.tapr.org]On Behalf Of Walter Dunckel
Sent: Wednesday, March 03, 1999 1:38 PM
To: TAPR HT APRS Special Interest Group
Cc: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: TH-D7A Lockup and pulsing unsquelch problems

I too have had the problem of lockups. It has happened to me about
ten or more times. All were when I had the unit plugged into the cigaret
lighter with the TNC on. When this happened the unit would either have
an open squelch, but not really receiveing anything, or closed squelch
and not receiving anything. I would have to remove the power source and
then the unit would again receive (but no memory lost).

Since this never happened to me while the unit was self powered, I
figured the problem was fluctuations in the power source (cigaret

lighter) confusing the proccessor.

Walter

KD6VYV

****
This electronic mail transmission may contain confidential or
privileged information. If you believe that you have received
the message in error, please notify the sender by reply transmission
and delete the message without copying or disclosing it.
****

14. [htaprs] Re: TH-D7A Lockup and pulsing unsquelch problems

From: bobj <bobj@mediaone.net>
Date: Wed, 03 Mar 1999 13:56:19 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-8677-1999.03.03-13.01.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good question..
F.Y.I.

For what it is worth I've been using the Kenwood Filtered adaptor (since
early Dec.) and haven't seen a power, squelch or hang problem on my TH7
(00800077) while commuting abour 2 hours daily.

"Bass, Kenneth C., III" wrote:

>
>
> Are those of you having this problem using the Kenwood filtered
> adapter or an unfiltered 12vDC cord?
>
> I've not experienced this problem in daily use in the car since early
> December with the Kenwood adapter and the TH-D7A.
>
> Ken Bass
> K4EVH
> -----Original Message-----
> From: bounce-htaprs-3631@lists.tapr.org
> [mailto:bounce-htaprs-3631@lists.tapr.org]On Behalf Of Walter Dunckel
> Sent: Wednesday, March 03, 1999 1:38 PM
> To: TAPR HT APRS Special Interest Group
> Cc: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: TH-D7A Lockup and pulsing unsquelch problems
>
> I too have had the problem of lockups. It has happened to me about
> ten or more times. All were when I had the unit plugged into the
> cigaret
> lighter with the TNC on. When this happened the unit would either have
>
> an open squelch, but not really receiveing anything, or closed squelch
>
> and not receiving anything. I would have to remove the power source
> and
> then the unit would again receive (but no memory lost).
>
> Since this never happened to me while the unit was self powered, I
> figured the problem was fluctuations in the power source (cigaret
> lighter) confusing the proccessor.
>
>
> Walter
>
> KD6VYV

15. [htaprs] Re: TH-D7A Lockup and pulsing unsquelch problems

From: "Jay K. Jeffries" <bottomgun@mindspring.com>
Date: Wed, 3 Mar 1999 14:06:07 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8679-1999.03.03-13.08.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Have experienced pulsing squelch but no lock-up. Only use battery mode,
no external power.

73 de jay, KF4DBI

-----Original Message-----
From: bounce-htaprs-3596@lists.tapr.org
[mailto:bounce-htaprs-3596@lists.tapr.org]On Behalf Of bobj
Sent: Wednesday, March 03, 1999 1:56 PM
To: TAPR HT APRS Special Interest Group
Cc: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: TH-D7A Lockup and pulsing unsquelch problems

Good question..
F.Y.I.

For what it is worth I've been using the Kenwood Filtered adaptor (since
early Dec.) and haven't seen a power, squelch or hang problem on my TH7
(00800077) while commuting abour 2 hours daily.

"Bass, Kenneth C., III" wrote:

16. [htaprs] filtered cig lighter adapter

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Wed, 3 Mar 1999 11:27:22 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8683-1999.03.03-13.29.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How could one make their own filter to add-on to an inexpensive cigarette
lighter adapter?
Curious and electronically-challenged,
Russ Brown, KB6LUD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] Re: TH-D7A Lockup and pulsing unsquelch problems

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Wed, 3 Mar 1999 14:50:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8697-1999.03.03-13.51.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I believe (not sure if I'm imagining this) the D7A has a "Beat Shift" which
changes the clock frequency of the microprocessor inside the unit. The
beta D7A upload/download program that's on Kenwood's FTP site has a
checkbox for "Beat Shift", but I can't remember if it's possible to adjust
it from the keyboard. I wonder if this wouldn't help the pulsing
unsquelch? Just a thought...

73

     -Rob
      KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Re: TH-D7A Lockup and pulsing unsquelch problems

From: Walter Dunckel <wdunckel@best.com>
Date: Wed, 03 Mar 1999 11:52:03 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-8699-1999.03.03-13.57.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, I am unfiltered. This is the first radio I that really needs a $39
filtered plug addapter. Perhaps just a large capacitor would do the
trick since the battery is not acting like one (Kenwood made the
battery disconnect when external power is used). Any thoughts?

Walter

http://www.best.com/~wdunckel/thd7.html

> "Bass, Kenneth C., III" wrote:
>
> >
> >
> > Are those of you having this problem using the Kenwood filtered
> > adapter or an unfiltered 12vDC cord?
> >
> > I've not experienced this problem in daily use in the car since
> > early December with the Kenwood adapter and the TH-D7A.
> >
> > Ken Bass
> > K4EVH
[Attachment: wdunckel.vcf; text/x-vcard; 123 bytes]

19. [htaprs] TH-D7 connecting to UoSat and KitSat?

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Wed, 3 Mar 1999 14:56:10 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8701-1999.03.03-14.01.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Could I use a TH-D7 to connect to UoSat or KitSat at 9600bps?
Thanks

Daniel
VE3DCL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] Re: TH-D7 connecting to UoSat and KitSat?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 3 Mar 1999 15:03:32 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-8702-1999.03.03-14.05.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 3 Mar 1999, Lavoie Daniel (NHQ-AC) wrote:

> Could I use a TH-D7 to connect to UoSat or KitSat at 9600bps?

No, you cannot connect. But you can put it in recveive only mode and
capture the downlink at 9600 baud. The TNC is not wired for crossband
operations.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Blown Speaker, and who needs the wall wort anyway?

From: Matt <kd7clx@ng7m.qrq.com>
Date: Wed, 3 Mar 1999 14:06:11 -0700 (MST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-8712-1999.03.03-15.07.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 3 Mar 1999, Walter Dunckel wrote:
>(Kenwood made the battery disconnect when external power is used). Any
>thoughts?

Strange, my external power doesn't disconnect, in fact, I don't have to
charge my battery with the wall wart, because whenever I have my external
plug wired into my large battery packs the Clipon battery charges itself
from the external power.

Also, my speaker blew out (it almost sounds like there is a grain of sand
danceing on the speaker) when a rather loud raspy fellow got on the
air one day, has anyone else had their speaker blow out?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Re: TH-D7A Lockup and pulsing unsquelch problems

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Wed, 3 Mar 99 16:38:36 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8720-1999.03.03-15.40.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I believe (not sure if I'm imagining this) the D7A has a "Beat Shift" which
> changes the clock frequency of the microprocessor inside the unit. The
> beta D7A upload/download program that's on Kenwood's FTP site has a
> checkbox for "Beat Shift", but I can't remember if it's possible to adjust
> it from the keyboard. I wonder if this wouldn't help the pulsing
> unsquelch? Just a thought...
>
> 73
>
>   -Rob
>   KZ5RW
>
>
>
>
> ---
> You are currently subscribed to htaprs as: N2YGK@WECA.ORG
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

I tried the beat shift. It's only applicable to the TNC and it did not
make a difference.
/a

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] A reply direct to me from another user

From: Ed_Mulholland@hunt-corp.com
Date: Thu, 4 Mar 1999 08:49:05 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8867-1999.03.04-07.46.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Subject: Lockups _ Yessireeeee

Not true.   Not true at all.
Last November, when I purchased mine, same problem was reported. Spent
$100 on LD calls, trying to diagnose and fix the problem. Did
everything they asked at least twelve time. Very frustrating.
Solution was to get a replacement from my supplier, which they did very
promptly.   Talked to several people in the Kenwood customer support,
and in particular "Raul", who seemed to be the head guy.
Suggest you take it back immediately, and get a newer one with the new
firmware.
P.S. I even bought the quick charger, which is very nice.   But that
proved to have nothing to do with the lockups.....

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] Re: A reply direct to me from another user

From: rwf <rwf@BSRG.org>
Date: Thu, 04 Mar 1999 13:36:46 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8948-1999.03.04-12.36.14--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

What radio is this person talking about that he bought in November?

The D7 was not available for purchase until about December 12th (when I got
mine)

Ralph

At 08:49 AM 03/04/1999 -0500, you forwarded:

>Not true.   Not true at all.
>Last November, when I purchased mine, same problem was reported. Spent
>$100 on LD calls, trying to diagnose and fix the problem.
<SNIP>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] TH-D7A and APRS+

From: "Larry Bateman" <lwoody@micron.net>
Date: Thu, 4 Mar 1999 18:52:24
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9014-1999.03.04-18.54.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I recently ask the following question of Brent Hildebrand the author of
APRS+:

>   KH2Z,
>
>   I am setting up a tracking system using two TH-D7A Kenwood radios and
>   two Garmin GPSIIIs and a laptop running APSA+ and Street Atlas 6.0.
>   One radio, gps and the laptop will be in my chase car. The other radio
>   and gps will be on my hang glider.
>
>   My question:
>
>   1) How do I setup the APRS+ setting screen since the chase car will be
>   mobile? The setting screen wants an entry for latitude, longitude. Can
>   these coordinate be entered from the gps attached to the radio by way
>   of the radio? I want the driver of the chase car to see his position
>   icon on the map as he is moving. Can this be done thru the TH-D7A or
>   will I need a second serial port on the laptop to input the gps info?

He was unable to give me an answer as to the TH-D7A.

Brent responded:

Lat/Long input to APRS+SA can be either from a second serial port, or via
a
TNC that has a second serial port, such as the PicoPacket and KPC-3+. I
do
not know if the TH-D7A supports this feature - that is a good and
interesting question.

Brent KH2Z

Anyone out there have an answer?

Larry Bateman

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] Re: TH-D7A and APRS+

From: Walter Dunckel <wdunckel@best.com>
Date: Thu, 04 Mar 1999 18:07:43 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-9020-1999.03.04-20.13.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Larry Bateman wrote:

> 1) How do I setup the APRS+ setting screen since the chase car will be
> mobile? The setting screen wants an entry for latitude, longitude. Can
> these coordinate be entered from the gps attached to the radio by way
> of the radio? I want the driver of the chase car to see his position
> icon on the map as he is moving. Can this be done thru the TH-D7A or
> will I need a second serial port on the laptop to input the gps info?

When the radio is in packet mode, the computer is in control of the
radio. APRS
(and I can only assume APRS+) wants to send the tnc the GPS data. The
radio
just waits for commands to send its data.

There may be a software fix though, because the radio will store the GPS
position and update it while in packet mode. This data is stored in
LTEXT.
Perhaps this could be worked into the next update or two of APRS(+)
.....
Please!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

27. [htaprs] D7 and APRS+

From: joe.lagreek@edwardjones.com
Date: Fri, 05 Mar 1999 10:53:48 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9108-1999.03.05-10.56.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know this answer will cause some trouble...

There is an undocumented command in the D7 TNC mode that will cause the second serial port of the D7 (the GPS port) to sent data to the first serial port (the PC). Brent needs to contact one of the other authors for doc on how to do this. The D7 needs it own init file just like a KPC vs Pico need there own files.

Joe LaGreek
IS Mainframe
Bldg 201 2nd floor
Phone: (314) 515-2721
Pager: (314) 491-8920
Fax: (314) 515-4659
E-mail: joe.lagreek@edwardjones.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] TH-D7A

From: George Carr <semcor@telebyte.com>
Date: Fri, 05 Mar 1999 11:35:45 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9127-1999.03.05-13.37.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

TH-D7A HT Group. Sign me up.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] Programming w D7A software

From: "Jonathan Kaplan" <jonk@jskent.com>
Date: Fri, 5 Mar 1999 16:43:57 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-9183-1999.03.05-18.42.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,
Just a quick question: I'm trying to program freqs. for the
D7A from my PC using the Kenwood MCP pbeta program.
When I try to dowload the info to the radio, I get a dialog box
"Radio is invalid. Please check and try again."

What am I doing wrong or forgetting to do?

73

Jonathan KO6XS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] Re: Programming w D7A software

From: "Jonathan Kaplan" <jonk@jskent.com>
Date: Sat, 6 Mar 1999 06:35:19 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <aprssig@tapr.org>, <htaprs@tapr.org>
Message-ID: <LYR845-9256-1999.03.06-08.35.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the suggestions. I was very aware of the Com port
selections because the software only supports Coms 1 and 2 and
the first computer I tried it on only had Com 3 available. Trying on
three other computers (I copied software over the LAN), I finally
found a computer that woul upload the values--once! Now that I've
completed my frequencies list, I can't get the computer to upload
the revised list, even though I changed nothing else. Now What???

73
Jonathan KO6XS
-----Original Message-----
From: Doug Wetzel <dwetzel@earthlink.net>
To: Jonathan Kaplan <jonk@jskent.com>
Date: Saturday, March 06, 1999 6:48 AM
Subject: Re: [htaprs] Programming w D7A software

>I got the same thing until I figured out that I had the wrong comm port
>selected...also, be sure the tnc isn't on...
>
>Doug
>K7IP
>
>At 04:43 PM 3/5/99 -0800, you wrote:
>> Hi all,
>>   Just a quick question: I'm trying to program freqs. for the
>>D7A from my PC using the Kenwood MCP pbeta program.
>>When I try to dowload the info to the radio, I get a dialog box
>>"Radio is invalid. Please check and try again."
>>
>>   What am I doing wrong or forgetting to do?
>>
>>73
>>
>>Jonathan KO6XS
>>
>>
>>---
>>You are currently subscribed to htaprs as: DWETZEL@EARTHLINK.NET
>>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>>
>>
>>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] Diamond Antenna...

From: "Rich Casey" <casey@acm.org>
Date: Sun, 7 Mar 1999 21:01:39 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9547-1999.03.07-21.05.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

... is virtually the same length as the stock antenna, and much thinner.
More comfortable to have on your belt.
Rich

---------- \\ -------------------------
Rich Casey   casey@acm.org
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] Un-documented TNC commands

From: Walter Dunckel <wdunckel@best.com>
Date: Sun, 07 Mar 1999 20:22:03 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-9559-1999.03.07-22.25.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone have any more info for these commands? They are not described
in the manual.

ASYRXOVR BBFAILED HEALLED HOVRERR
HUNDRERR NTSGRP   NTSMRK NTSMSG
PORTOUT RCVDFRMR RCVDIFRA RCVDREJ
RCVDSABM RXCOUNT RXERRORS SENTFRMR
SENTIFRA SENTREJ TXCOUNT TXTMO

Thanks, Walter
--
http://www.best.com/~wdunckel/thd7.html

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33. [htaprs] AC and DC

From: "Cor Knijnenburg" <corknijnenburg@scg-inc.com>
Date: Fri, 5 Mar 1999 13:38:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9653-1999.03.08-12.52.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI

I did some checking into the connectors that feed the battery power into the
HT.
If the radio is off and the AC is plugged in, then the battery will be
charged.
If the HT is on, the battery will not be charged.
I also tried to run the HT without a battery just on the AC and everything
worked fine.

Cor.
KD5GIB-7

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

34. [htaprs] RE: [HTAPRS:296] D7A Power plug

From: "Cor Knijnenburg" <corknijnenburg@scg-inc.com>
Date: Fri, 5 Mar 1999 14:15:23 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <lpthomas@krell.com>
Message-ID: <LYR845-9654-1999.03.08-12.52.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My solution to the power plug was to cut off the original from the charger
and put a universal connector in between. Then buy about 5 more of the same
connectors and install those on your car powercord, home power supply
etc....
This works for me. I never have to take my external power connector of the
HT whereever I am, unless I use the battery ofcourse :-)

Cor.
KD5GIB-7

-----Original Message-----
From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Larry P.
Thomas WA0GWA
Sent: Saturday, January 23, 1999 3:07 PM
To: htaprs@tapr.org
Subject: [HTAPRS:296] D7A Power plug

The power plug on the wall-wart that comes with the D7A looks to be a
standard 3.5 mm type plug. Upon closer examination there is a ridge in the
barrel about a mm or 2 from the end. This seems to aid in causing the plug
to snap in and stay put. The OEM plug is also fairly blunt on the end.
The only power plugs I can locate seem to have more taper to them and are
smooth all the way to the end. I hate to use something that has a tendency
to come out when the unit is under power. The current this plug is asked
to handle under 5.5 watt transmit is not a current I'd like to disconnect
at this plug. The jack on the D7A has to be fairly complex and delicate
since a switch is involved to switch the charge circuitry internally.

Has anyone found a good source for power plugs with this groove near the
end of the plug.

Later
Larry

 Larry P. Thomas   wa0gwa voice : 1 913 888-0282
 Krell Technologies   fax : 1 913 782-9359
 8960 Bond   pager : 1 816 989-HELP
 Overland Park, KS   www.krell.com
 66214-1722   USA   lpthomas@krell.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] RE: [HTAPRS:296] D7A Power plug

From: bobj <bobj@mediaone.net>

Date: Mon, 08 Mar 1999 14:20:40 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9662-1999.03.08-13.26.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi..

Nothing scientifically measured , just observations

  My experience is that the battery will charge while the external source is
plugged in with the unit on and the unit is operating (High Power, Illuminating
LED's On, 2 min beacon..)... A discharged battery re-charges in the car will
APRS is running. (Note: the external DC power is cut with the ignition key and
the HT reverts to "off")

  However, if the AC adapter is used with the unit on it is possible to draw
more current on average than the charger provides and actually discharge the
battery as a whole. I can run a 25 minute beacon , EL power,   illumination
LED's off and volume at min. and have a net gain in charge.. Leaving the LED's
on seems to be enough to cause a net loss in charge with the other settings
remaining constant.

  DE K1KAS

Cor Knijnenburg wrote:

> My solution to the power plug was to cut off the original from the charger
> and put a universal connector in between. Then buy about 5 more of the same
> connectors and install those on your car powercord, home power supply
> etc....
> This works for me. I never have to take my external power connector of the
> HT whereever I am, unless I use the battery ofcourse :-)
>
> Cor.
> KD5GIB-7
>

> -----Original Message-----
> From: htaprs@tapr.org [mailto:htaprs@tapr.org]On Behalf Of Larry P.
> Thomas WA0GWA
> Sent: Saturday, January 23, 1999 3:07 PM
> To: htaprs@tapr.org
> Subject: [HTAPRS:296] D7A Power plug
>
> The power plug on the wall-wart that comes with the D7A looks to be a
> standard 3.5 mm type plug. Upon closer examination there is a ridge in the
> barrel about a mm or 2 from the end. This seems to aid in causing the plug
> to snap in and stay put. The OEM plug is also fairly blunt on the end.
> The only power plugs I can locate seem to have more taper to them and are
> smooth all the way to the end. I hate to use something that has a tendency
> to come out when the unit is under power. The current this plug is asked
> to handle under 5.5 watt transmit is not a current I'd like to disconnect
> at this plug. The jack on the D7A has to be fairly complex and delicate
> since a switch is involved to switch the charge circuitry internally.
>
> Has anyone found a good source for power plugs with this groove near the
> end of the plug.
>
> Later
> Larry
>
> --
> Larry P. Thomas   wa0gwa voice : 1 913 888-0282
> Krell Technologies   fax : 1 913 782-9359
> 8960 Bond   pager : 1 816 989-HELP
> Overland Park, KS   www.krell.com
> 66214-1722   USA   lpthomas@krell.com
>
> ---
> You are currently subscribed to htaprs as: BOBJ@MEDIAONE.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] D7A as a beacon

From: "tom walker" <tom@spectron.net>
Date: Mon, 8 Mar 1999 21:55:55
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9750-1999.03.08-21.57.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just got a D7A and want to use it as a beacon (tracker) with a GPS III.
When all is powered up and radio appears to be transmitting it's beacon but
it's not showing up on the local APRS network. I am in Southern
California, we have several wide area digi's and lot's of relays but, even
with 5 watts it's not showing up on the network. All parameters have been
programed into the radio/APRS sections. If I am within 1/4 mile range of a
known relay station it shows up on the network beyond that...it's off the
network.

My question is, is anyone using the D7A as a self contained tracker with a
GPS and how is it doing?

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] Re: D7A as a beacon

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Tue, 9 Mar 1999 00:12:40 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9764-1999.03.08-23.15.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>My question is, is anyone using the D7A as a self contained tracker
with a
>GPS and how is it doing?
>

Works fine, make sure you have the GPS set to NMEA output, the D7 set
to NMEA input, and the cable wired properly.. You should also be
seeing stations your D7 rcvs popping up on the GPS screen

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

38. [htaprs] Re: D7A as a beacon

From: Greg Noneman <greg@clubnet.net>
Date: Mon, 8 Mar 1999 21:40:14 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9767-1999.03.08-23.42.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tom,

I suspect you are doing nothing wrong. What you are experiencing are the effects of the congested LA area APRS network. I have been involved in SoCal APRS for several years and consider myself fairly knowledgeable in APRS operation. I have a TH-D7 and have witnessed similar performance in the LA basin.
The sad truth is that the meager 5 watt output of the D7 (with it's standard antenna) can't compete with the channel loading as it now exists. The problem really isn't the power output. Given a clear channel, 5 watts is sufficient to access the high level digis in the area. The problem is you are trying to send beacons on a channel, which at many times, is at full capacity. Much of the time your packets are colliding with other stations whose power exceeds yours and you either get completely captured or neither station gets digipeated. I have posted several messages on the APRSSIG and on CA APRS pointing out what I believe to be excessive beaconing, particularly by stationary "mobile" stations. I did a bit of a study showing that much of the channel capacity was being consumed by such stations. Unfortunately, nothing seems to have changed since my postings.
I have recognized this problem for some time, but it became painfully obvious when I got the D7 and tried doing some portable operations. Until something positive happens in this regard, the only suggestion I have to offer (if it's applicable) is to use another higher power local station (you home QTH or mobile) as a local RELAY. This won't help the frequency congestion problem, but it may increase your chances of making into one of the WIDEs.

Greg Noneman
WB6ZSU

>Just got a D7A and want to use it as a beacon (tracker) with a GPS III.
>When all is powered up and radio appears to be transmitting it's beacon but
>it's not showing up on the local APRS network. I am in Southern
>California, we have several wide area digi's and lot's of relays but, even
>with 5 watts it's not showing up on the network. All parameters have been
>programed into the radio/APRS sections. If I am within 1/4 mile range of a
>known relay station it shows up on the network beyond that...it's off the
>network.
>
>My question is, is anyone using the D7A as a self contained tracker with a
>GPS and how is it doing?
>
>---
>You are currently subscribed to htaprs as: GREG@CLUBNET.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

39. [htaprs] Re: D7A as self-contained beacon, w/GPS III?

From: Jack & John Wright <jwright@Chattanooga.net>
Date: Tue, 09 Mar 1999 02:12:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9794-1999.03.09-01.28.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, it certainly works w/ a GPS III as a self-contained beacon. We used 4 of the D7As in a demonstration at a Boy Scout orienteering camporee on Feb. 20, '99, in TN. They were each set up a little differently with different make & model GPSs. One of my 2 D7As was set up with my new Garmin GPS III, and worked fine. We had a portable

digipeater set up at the central camp Dining Hall, and had a PC there
where we watched each of the 4 trackers, all day. Blew the socks off a
lot of people, including some of us hams.

The day was very interesting, as we watched some of the boy scout teams
miss their flags and have to double back and forth, etc. One group was
very late checking in, and would have been written off as lost, had they
not had a tracker, so we could see exactly where they were. We did
almost lose a couple of other people, who were not carrying trackers,
but they showed up before dark, and before massive search efforts were
started.

We learned a great deal about how and how not to set up trackers,
especially for non-ham "boys" to carry. Lots of war stories there, for
another time. Our demo of portable trackers was the first of that type
we've heard of, anyone else done that yet? We got 30+ digital pictures,
if anyone wants to see. A few pics will be on our local BSA website
soon, if not yet. Check out the Cherokee Area Council Home Page, B.S.A.
at
http://www.chattanooga.net/boyscouts/index.htm

I doubt if I can talk you through the setup, because other hams there
were more expert at APRS than I, and also more familiar with the APRS
section of the D7A. Keep trying, they worked for us that day. If your
D7A still won't do it, email me privately, and I'll see if the expert
guys have time to communicate with you.

Jack Wright, KC4ZEK

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40. [htaprs] Re: D7A as a beacon

From: bobj <bobj@mediaone.net>
Date: Tue, 09 Mar 1999 08:18:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9808-1999.03.09-07.24.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tom

This advice is worth every penny paid for it...

  I've been using the D7A with my GPS II+ (same as GPS III+ but no maps) as a
tracker mobile in a car , on the Bicycle and on foot walking around without a
problem for about three months.. Just some ideas of things to check:

 - I'd verify the "PATH" (Menu 2-8 /Packet Path") is set with "RELAY" as the
first entry (or a known local digi that can hear you). If you are able to hear
and reach the relay or specified digi the the D7A will flash a "MY PACKET"
message on it's display. It may take a few beacons to trigger this if the
aprs frequency is busy, If you get this the D7A's packets are making the
network. If they are making the network and your not on the map maybe the
position info isn't making it.

- Make sure the GPS is set for NEMA/NEMA and the menu item 2-2 (GPS Unit) is
set toNEMA as opposed to "NOT USED".. Once the GPS is locked the and the D7A
appears to be working try hitting the "POS" button. You should see your
current position displayed with the degree symbol blinking. If the degree
symbol blinks, I believe that means the D7A is receiving appropriate data from
the GPS, otherwise check the cable pinouts..etc..

  - You could also, as a test, enter your position directly into the D7A (Menu
2-3) and set menu 2-2 (GPS Unit) is set to "NOT USED".. Now the cables and GPS
unit are out of the loop and you should show up on the map..

   Good Luck.. DE K1KAS

tom walker wrote:

> Just got a D7A and want to use it as a beacon (tracker) with a GPS III.
> When all is powered up and radio appears to be transmitting it's beacon but
> it's not showing up on the local APRS network. I am in Southern

> California, we have several wide area digi's and lot's of relays but, even
> with 5 watts it's not showing up on the network. All parameters have been
> programed into the radio/APRS sections. If I am within 1/4 mile range of a
> known relay station it shows up on the network beyond that...it's off the
> network.
>
> My question is, is anyone using the D7A as a self contained tracker with a
> GPS and how is it doing?
>
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> You are currently subscribed to htaprs as: BOBJ@MEDIAONE.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] Re: [HTAPRS:296] D7A Power plug

From: wdr@world.std.com (William D Ricker)
Date: Wed, 10 Mar 1999 13:03:08 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-10049-1999.03.10-12.05.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   However, if the AC adapter is used with the unit on

My unit either gets some RF-feedback or has current-sag when
transmitting on AC adapter; it resets to the welcome message unles
set to EL power. I can't leave it on even L power and beacon.
Will try toroids... Don't recall any problem with auto adapter
though.

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr   to those who own one."--A.J.Liebling

---
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42. [htaprs] TH-D7A and Serial

From: "George Minich" <gminich@toshiba.ca>
Date: Wed, 10 Mar 1999 13:26:20
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10064-1999.03.10-13.28.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would love to run out and purchase a Kenwood TH-D7A for APRS/tracking.
However, I am worried about the "lockup" problems that some people have
been having. I was wondering if these problems have been limited to a
specific serial number subset such as the 008xxxx or the 010xxx series.
Has anyone with a 011xxx unit had these problems? Is it safe to purchase a
 010xxx series unit and have the firmware upgraded? Should I wait until
Kenwood Canada receives stock of the 011xxx units?

   Please Help

     George Minich

  P.S. I am new to TAPR and their mailing lists. I think you guys have an
excellent group and I will be signing up as a member! Thanks!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Re: [HTAPRS:296] D7A Power plug

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Wed, 10 Mar 1999 14:47:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-10068-1999.03.10-13.50.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>   However, if the AC adapter is used with the unit on
>
>My unit either gets some RF-feedback or has current-sag when

>transmitting on AC adapter; it resets to the welcome message unles
>set to EL power. I can't leave it on even L power and beacon.
>Will try toroids... Don't recall any problem with auto adapter
>though.

The supplied AC adaptor dosent have enough output current to tx in
anything but EL power.
Toroids won't give you any more current. A Gell cell, car battery, or
other high currrent supply will solve that problem.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] Upgrade

From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Wed, 10 Mar 1999 15:21:01 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10079-1999.03.10-15.23.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone sent their D7A in for upgrade and if so, how long did it take to
get the radio back.

Larry

 Larry P. Thomas   wa0gwa voice : 1 913 888-0282
 Krell Technologies   fax : 1 913 782-9359
 8960 Bond   pager : 1 816 989-HELP
 Overland Park, KS   www.krell.com
 66214-1722   USA   lpthomas@krell.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] Re: [HTAPRS:296] D7A Power plug

From: wdr@world.std.com (William D Ricker)
Date: Wed, 10 Mar 1999 16:32:15 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-10081-1999.03.10-15.34.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dave et al,

> The supplied AC adaptor dosent have enough output current to tx in
> anything but EL power.

Ahh.

Hmm. The Alkaline cell pack has what appears to be a diode -- I
suppose I should take a meter to it and check -- so it is protected against
charging. I had assumed it would be able to draw current from the
NiMH batteries on transmit while connected.

Does the switch in the power socket split the power with more diodes so
the battery is charging separately from radio, so that the battery only
fails to charge when current takes voltage down rather than
discharging? I guess that's a feature. Maybe I'll switch to charging
it off a floated battery then. Since the pack is safe with the
high-current auto adapter, do we assume it can safely charge through
the plug on a high-current supply? Or is that mysterious ridge telling
the radio whether it's fast or slow charge, by closing a separate
microswitch than the main shaft, thus letting the radio shunt power
differently with the trickle-charger?

I want a service manual. Anyone got the order number for that?

> Toroids won't give you any more current.

True. Sound's like you're right. (If reading the current ratings
hadn't solved the problem, Toroids would have disambiguated. But

RTFM works too, thanks!)

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr   to those who own one."--A.J.Liebling

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] RE: TH-D7A and Serial

From: "Rod Hart" <rwhart@home.com>
Date: Wed, 10 Mar 1999 17:46:29 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10089-1999.03.10-16.48.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have same concern. I was planning to purchase one this weekend but I
believe I need to wait to make sure what I buy is updated with all the known
fixes (Hardware/Software).

> -----Original Message-----
> From: bounce-htaprs-7520@lists.tapr.org
> [mailto:bounce-htaprs-7520@lists.tapr.org]On Behalf Of George Minich
> Sent: Wednesday, March 10, 1999 8:26 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] TH-D7A and Serial #
>
>
>   I would love to run out and purchase a Kenwood TH-D7A for
> APRS/tracking.
> However, I am worried about the "lockup" problems that some people have
> been having. I was wondering if these problems have been limited to a
> specific serial number subset such as the 008xxxx or the 010xxx series.
> Has anyone with a 011xxx unit had these problems? Is it safe to
> purchase a
> 010xxx series unit and have the firmware upgraded? Should I wait until
> Kenwood Canada receives stock of the 011xxx units?
>
>   Please Help
>
>   George Minich
>
>   P.S. I am new to TAPR and their mailing lists. I think you
> guys have an
> excellent group and I will be signing up as a member! Thanks!
>
> ---
> You are currently subscribed to htaprs as: rwhart@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] Re: TH-D7A Firmware Upgrade Release-U.S.Only

From: Ron Reeves <ron.reeves@worldnet.att.net>
Date: Wed, 10 Mar 1999 15:04:03 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10095-1999.03.10-17.17.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just received my TH-D7A back from Kenwood. I sent it in UPS Red the same
day the notice for firmware upgrades was announced. I have not checked it
out well enough to know if any other bugs were corrected or exist, but I
did check to see if the GPS input problem was fixed. My GPS-35's now seem
to work with it. The first time I tried the new firmware it did not work.
I put everything down and walked away to think about this. I decided to
try it again and it worked great, NOTHING was changed!

Also, FYI, a signature is required by UPS when you have yours sent back
keep that in mind.

Ron Reeves
N7QXO@arrl.net

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48. [htaprs] Re: [HTAPRS:296] D7A Power plug

From: "Harry Burford" <hburford@airmail.net>
Date: Wed, 10 Mar 1999 20:49:46 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10121-1999.03.10-20.51.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I put NiMH batteries into the battery holder for the D7. I was unable to use the Maha charger to charge them but I was able to charge the regular stock battery. I discovered the diode you mentioned. I haven't investigated, but I would guess that it is to prevent damage from sticking an alkaline filled pack on a charger. A wise precaution for Kenwood to take.

Harry, KA0TTY

> -----Original Message-----
> From: bounce-htaprs-3735@lists.tapr.org
> [mailto:bounce-htaprs-3735@lists.tapr.org]On Behalf Of William D Ricker
> Sent: Wednesday, March 10, 1999 3:32 PM
> To: TAPR HT APRS Special Interest Group
> Cc: htaprs@lists.tapr.org
> Subject: [htaprs] Re: [HTAPRS:296] D7A Power plug
>
>
> Dave et al,
>
> > The supplied AC adaptor dosent have enough output current to tx in
> > anything but EL power.
>
> Ahh.
>
> Hmm. The Alkaline cell pack has what appears to be a diode -- I
> suppose I should take a meter to it and check -- so it is
> protected against
> charging. I had assumed it would be able to draw current from the
> NiMH batteries on transmit while connected.

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49. [htaprs] D7A TNC and 9600

From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Thu, 11 Mar 1999 15:52:37 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: Christopher A Farmer <caf7508@ksu.edu>
Message-ID: <LYR845-10275-1999.03.11-15.54.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The following message was sent to me from Christopher A Farmer <caf7508@ksu.edu> Possibly someone on this list could give him some insight in to use of the D7A at 9600 for general telemetry application.

Thanks
Larry

---------- Start of original message ----------------
Hello, my name is Chris Farmer and I am an engineering student at K-State, and a member of their Solar Car team. You were suggested through Dr Norm Dillman and Jim Duncan as a source of information on the

Kenwood D7-A unit.

I am working on the telemetry for the Solar Car, and we have a nice system put together, based on Motorola HC11 and Kantronics KPC-3 (or 3 plus). That is, of course, limited to 1200 baud, and we want to upgrade to a 9600 baud system. The D7-A looks like a perfect solution for us, with small size and TNC/radio all in one package.

My question is this: Does the TNC interface/subsytem perform in a standard way (similar to KPC-3, which is all I have experience with), or

has it been modified in some proprietary way? The microcontroller-based

telemetry system is not very tolerant of change, and it requires the TNC

system to behave in a very predictable way. This is an important
question for us, because if the D7A performs normally it would be a
perfect solution for us. Most differences we can account for in
software, but I need to be able to tell my Group leader that this is a
worthwhile purchase and will function as expected, and I've never
touched one.

    The only other option for 9600 baud communication we have found
involves a 9600 baud-capable mobile radio and a Kantronics 9612. That
option is more complicated, more power-hungry, and bigger than the D7A.
It is also significantly more expensive.

    I guess what I really am looking for is an assurance that the D7A's
TNC will act like a TNC, not something weird. I thank you in advance for

any information you might have.

Chris Farmer
KB0YYL
KSU SolarCar
--------- End of original message -------------------------

 Larry P. Thomas   wa0gwa voice : 1 913 888-0282
 Krell Technologies   fax : 1 913 782-9359
 8960 Bond   pager : 1 816 989-HELP
 Overland Park, KS   www.krell.com
 66214-1722   USA   lpthomas@krell.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Re: D7A TNC and 9600

From: peterbe@erols.com (Peter Jones)

Date: Thu, 11 Mar 1999 19:52:43 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10316-1999.03.11-18.54.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 11 Mar 1999 15:52:37 -0600, Larry wrote:

>The following message was sent to me from Christopher A Farmer
><caf7508@ksu.edu> Possibly someone on this list could give him some
>insight in to use of the D7A at 9600 for general telemetry application.
>
>Thanks
>Larry
>
>---------- Start of original message ----------------
> Hello, my name is Chris Farmer and I am an engineering student at
>K-State, and a member of their Solar Car team. You were suggested
>through Dr Norm Dillman and Jim Duncan as a source of information on the
>
>Kenwood D7-A unit.
>
>   I am working on the telemetry for the Solar Car, and we have a nice
>system put together, based on Motorola HC11 and Kantronics KPC-3 (or 3
>plus). That is, of course, limited to 1200 baud, and we want to upgrade
>to a 9600 baud system. The D7-A looks like a perfect solution for us,
>with small size and TNC/radio all in one package.
>
>   My question is this: Does the TNC interface/subsytem perform in a
>standard way (similar to KPC-3, which is all I have experience with), or
>
>has it been modified in some proprietary way? The microcontroller-based
>telemetry system is not very tolerant of change, and it requires the TNC
>
>system to behave in a very predictable way. This is an important
>question for us, because if the D7A performs normally it would be a
>perfect solution for us. Most differences we can account for in
>software, but I need to be able to tell my Group leader that this is a
>worthwhile purchase and will function as expected, and I've never
>touched one.
>

>   The only other option for 9600 baud communication we have found
>involves a 9600 baud-capable mobile radio and a Kantronics 9612. That
>option is more complicated, more power-hungry, and bigger than the D7A.
>It is also significantly more expensive.
>
>   I guess what I really am looking for is an assurance that the D7A's
>TNC will act like a TNC, not something weird. I thank you in advance for
>
>any information you might have.
>
>Chris Farmer
>KB0YYL
>KSU SolarCar
>--------- End of original message -------------------------
>
>---
> Larry P. Thomas   wa0gwa voice : 1 913 888-0282
> Krell Technologies   fax : 1 913 782-9359
> 8960 Bond   pager : 1 816 989-HELP
> Overland Park, KS   www.krell.com
> 66214-1722   USA   lpthomas@krell.com

Hi Chris,

FWIW, just today I was using two D7's to move telemetry (GPS position
strings) at 9600 baud on UHF and found that I was losing a LOT of
packets. Probably like over 60%. I don't have time to troubleshoot
it right now, so I don't know what's causing it, whether it be
interference, multipath, a cheap modem in the D7 (probably my first
choice), or whatever. Range was not a factor, as I was losing just as
many packets when the radios were 50 meters apart as when they were
half a mile apart.

When I went back to 1200 baud on the same freq, I stopped losing
packets.

So that's all very preliminary and unscientific, but I thought I
should pass it on in case your application is critical. I'm not
ack'ing the data, and losing that many packets is unacceptable for my
application.

Personally, if I had a working telemetry link that I wanted to move
more data on, I'd look closely at data compression before I looked at
replacing my link.

Best of luck (let us know what you settle on),

Peter B.

--
Peter Jones - DGPS Guy
Alexandria, Virginia
N38-47.500/W077-08.700
97 R11RT "Becky Blue"
BMWRA, BMWBMW, IBMWR
Rolling Broccoli Rider
73 DE N7MXK

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51. [htaprs] Re: D7A TNC and 9600

From: "George Minich" <gminich@toshiba.ca>
Date: Thu, 11 Mar 1999 20:25:58
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10328-1999.03.11-20.28.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Based on your observations and the lockup problems that many people have
mentioned, is the D7A a high-tech lemon? From the cover it looks and
sounds like a wonderful, self-contained HAM, packet and APRS rig! I am
starting to have serious second thoughts regarding my purchase.

  Has anyone used the 9600 baud side of the D7A with success? Please let
us know.

          George Minich

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52. [htaprs] Re: D7A TNC and 9600

From: Charles Richard <w4hfz@sprynet.com>
Date: Thu, 11 Mar 1999 22:05:11 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10336-1999.03.11-21.09.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been frequently using the 9600 bd side of my TH-D7A for some local
link testing on an APRS related project recently. Although the test is
not severe from an RF standpoint (the TH-D7A is connected to a laptop in
one room of the house, the other end of the link is one of the radios in
the shack going to its external antenna), I've had no problems at all
using the radio -- it works great. Its pretty amazing to sit at the
kitchen table with nothing more than a laptop and HT, and watch the data
pour in at 9600 bd.

I'll be doing some longer range testing in the next few weeks, and I'll
advise if any problems develop. 73 de Chas, W4HFZ

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53. [htaprs] Re: D7A TNC and 9600

From: "George Minich" <gminich@toshiba.ca>
Date: Thu, 11 Mar 1999 21:24:26
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10338-1999.03.11-21.26.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the info Charles. I am glad to hear that some of the problems
that others have had with the radio might be isolated to certain
radios/conditions.

                    George

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54. [htaprs] Review of TH-D7a in CQ-VHF magazine

From: Walter Dunckel <wdunckel@best.com>
Date: Thu, 11 Mar 1999 19:57:21 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-10341-1999.03.11-22.01.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI:
I read that the TH-D7a will be reviewed in the APRIL issue of CQ - VHF
Magazine.

Walter
--
http://www.best.com/~wdunckel/thd7.html

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55. [htaprs] Re: D7A TNC and 9600

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Thu, 11 Mar 1999 23:13:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-10342-1999.03.11-22.17.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>---------- Start of original message ----------
> Hello, my name is Chris Farmer and I am an engineering student at
>K-State, and a member of their Solar Car team. You were suggested
>through Dr Norm Dillman and Jim Duncan as a source of information on the
>

>Kenwood D7-A unit.

<snip>

I have used the D7 in two different modes of 9600 baud..

ONE: copying stuff from the satellites..
        This works (the fact that it works at all was good)

TWO: Using the FAST FM mode of the VC-H1s, which us 9600 baud for
transfering
        the image instead of audio signals. This works VERY well, and I did
        it to a D7 from a V7, andto a V7 from a D7, both equiped with VC-H1s

        (The VC-H1 is the Video Slow Scan TV hand-held Mic from KENWOOD)

Keith

Keith Sproul   732 445-3695 Office
mailto:ksproul@vger.rutgers.edu   732 821-4828 Home
http://aprs.rutgers.edu/   WU2Z
http://wu2z.rutgers.edu/aprs.html   Live APRS system

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56. [htaprs] TH-D7A question

From: "Andy" <andy@transport.com>
Date: Thu, 11 Mar 1999 23:37:26 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10371-1999.03.12-01.35.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>What was the command to transfer your last GPS position to the non GPS My
>Position, if that makes any sense? I saw it posted a month or more ago and
>I lost the info I had printed out.
>Thanks
>

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57. [htaprs] Re: TH-D7A question

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 12 Mar 1999 02:36:10 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-10374-1999.03.12-02.38.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>What was the command to transfer your last GPS position to the non GPS My
>>Position, if that makes any sense? I saw it posted a month or more ago and
>>I lost the info I had printed out.
>>Thanks

you might be looking for
PAGE 68 -- STEP 13 -- see the note.

You should keep a copy of THD7A.pdf (from Kenwood ftp area) on your
computer to allow searching.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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58. [htaprs] Re: Casio does it again

From: wdr@world.std.com (William D Ricker)
Date: Fri, 12 Mar 1999 13:58:38 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org (HT APRS list at TAPR), aprssig@lists.tapr.org
Message-ID: <LYR845-10430-1999.03.12-13.01.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Not so amazing but probably a little cheaper, the HP Jornada 420.

Review in a PC magazine indicated this one ate batteries like
popcorn ... and any other active matrix color display likely will also!
You'll _need_ a gell-cell/external power connector for long term use
of color-palm units ... maybe we can wire the dockingport into the
dashboard?

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr   to those who own one."--A.J.Liebling

---
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59. [htaprs] APRS Protocol Info

From: "George Minich" <gminich@toshiba.ca>
Date: Sat, 13 Mar 1999 14:49:47
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10560-1999.03.13-14.51.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone on the list know where I can find documentation that explains
the APRS protocol? I am looking for information on all packet types (pos,
weather, ID, etc..). I am going to be writing some applications (Linux
based) to perform various functions. My first kick at the can will be an
APRS to Internet email gateway and an APRS paging system - paging done via
a web page. I have a number of other ideas kicking about as well.

  I thought it would be nifty to have folks page me or receive email
subject lines my DH7A.

             Thanks

            George Minich

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60. [htaprs] Th-d7a and gps III plus problem

From: "tom link" <tom@digspec.reno.nv.us>
Date: Sun, 14 Mar 1999 15:50:43
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10676-1999.03.14-15.52.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just tried out my mobile setup this weekend with the th-d7 and the new
garmin gps III plus. Has anyone experienced this:

Every time the radio receives a valid position packet (it beeps) and the
gps III plus map screen goes blank and (slowly) redraws. I wasn't sure what
was going on until I disabled the NMEA interface on the GPS. Then the
moving map worked fine. As soon as I re-enabled NMEA, same thing.
This only affects the moving map page on the gps-the others are
unaffected.

What is going on? The TH-D7a is obviously sending -something- to the GPS.
I thought the radio was supposed to be listening to the GPS-not talking.

Am I doing something wrong?

thanks,
Tom N7JX

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Re: Th-d7a and gps III plus problem

From: peterbe@erols.com (Peter Jones)
Date: Sun, 14 Mar 1999 22:49:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10721-1999.03.14-21.51.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 14 Mar 1999 15:50:43, Tom wrote:

>I just tried out my mobile setup this weekend with the th-d7 and the new
>garmin gps III plus. Has anyone experienced this:
>
>Every time the radio receives a valid position packet (it beeps) and the
>gps III plus map screen goes blank and (slowly) redraws. I wasn't sure what
>was going on until I disabled the NMEA interface on the GPS. Then the
>moving map worked fine. As soon as I re-enabled NMEA, same thing.
>This only affects the moving map page on the gps-the others are
>unaffected.
>
>What is going on? The TH-D7a is obviously sending -something- to the GPS.
>I thought the radio was supposed to be listening to the GPS-not talking.
>
>Am I doing something wrong?

Pretty annoying, huh? What's happening is the D7 is sending the III a
waypoint and the III is updating the screen. It redraws every time,
even if the waypoint isn't on the screen. And the D7 sends the
waypoint, even if the position isn't new. So even though the D7 is
smart enough to indicate the position is a dup on the front panel,
it's not smart enough not to send it to the GPS.

I haven't messed with it yet, but I'm thinking that if you put the III
in RTCM/NMEA mode, it should stop the waypoint creation, while still
sending out the NMEA data. Hmm. Doesn't sound right, but I'm tired.
Let me know if it works for you.

I pretty surprised they didn't give us the ability to turn that
feature off on the D7.

73 DE Peter N7MXK
--
Peter Jones - DGPS Guy
Alexandria, Virginia
N38-47.500/W077-08.700
97 R11RT "Becky Blue"
BMWRA, BMWBMW, IBMWR
Rolling Broccoli Rider
73 DE N7MXK

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62. [htaprs] RE: Th-d7a and gps III plus problem

From: "J. Scott Ratchford" <kc5jgv@bobcats2.oursc.k12.ar.us>
Date: Mon, 15 Mar 1999 08:28:41 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10778-1999.03.15-08.43.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nothing is wrong! The d7 is sending position reports to the gps. The gps is
plotting those position reports as waypoints! If your concerned over the
time it takes to redraw, don't worry about it, unless: 1. your lost and
that is the only map you have or 2. you can't keep you eyes off the
re-drawing gps and on the road!

Go to menu, waypoints, and walla, all the positions will be listed. You can
change this I am sure but have no idea how! <grin>

73

Good Day,
J. Scott Ratchford
General Manager Marshall Vega Corp.
Ham Radio - KC5JGV
Calf Creek Lodge #426

On Sunday, March 14, 1999 9:51 AM, tom link [SMTP:tom@digspec.reno.nv.us]

wrote:
> I just tried out my mobile setup this weekend with the th-d7 and the new
> garmin gps III plus. Has anyone experienced this:
>
> Every time the radio receives a valid position packet (it beeps) and the
> gps III plus map screen goes blank and (slowly) redraws. I wasn't sure
what
> was going on until I disabled the NMEA interface on the GPS. Then the
> moving map worked fine. As soon as I re-enabled NMEA, same thing.
> This only affects the moving map page on the gps-the others are
> unaffected.
>
> What is going on? The TH-D7a is obviously sending -something- to the GPS.
> I thought the radio was supposed to be listening to the GPS-not talking.
>
> Am I doing something wrong?
>
> thanks,
> Tom N7JX
>
> ---
> You are currently subscribed to htaprs as: kc5jgv@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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63. [htaprs] 220 charger?

From: Rosenberg.Eric@Orbcomm.COM
Date: Mon, 15 Mar 1999 15:04:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10850-1999.03.15-14.11.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a 220v charger for the D7 nicad battery? The US version is only
for 110v use.

I'll be in Europe next week and would like to pick one up...

Eric

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] APRS Refence Documents?

From: Rosenberg.Eric@Orbcomm.COM
Date: Mon, 15 Mar 1999 15:10:37 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10852-1999.03.15-14.14.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In line with a previous write, I'm looking for something meatier than the
ARRL book on APRS. Are there any other (coherent) references?

Eric W3DQ
rosenberg.eric@orbcomm.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] Re: APRS Refence Documents?

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Mon, 15 Mar 99 15:18:30 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10858-1999.03.15-14.20.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My personal choice is the APRSdos README files.
/a

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] Re: 220 charger?

From: Walter Dunckel <wdunckel@best.com>
Date: Mon, 15 Mar 1999 12:24:19 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-10861-1999.03.15-14.30.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Many converters are available for the traveler. These will convert a 220
source to 110. You can plug the charger right into it. Since many of
these
are made for hair dryers, your 70mA output will not be a problem.

I bought mine at REI. (www.rei.com) But they are available at many other
stores.

By the way, even though you may be licenced in the states, a permit is
required to
transmit from each country you visit that you wish to transmit from.
Without this
permit, you may just be listening.

Walter

--
http://www.best.com/~wdunckel/thd7.html

Rosenberg.Eric@Orbcomm.COM wrote:
>
> Is there a 220v charger for the D7 nicad battery? The US version is only
> for 110v use.
>
> I'll be in Europe next week and would like to pick one up...
>
> Eric
>
> ---
> You are currently subscribed to htaprs as: wdunckel@best.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] Re: htaprs digest: March 14, 1999 Th-d7a and gps III plus

From: "Neil Fullagar"<neil_fullagar@ccgate.apl.com>
Date: Mon, 15 Mar 1999 08:40:09 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10797-1999.03.15-10.59.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"tom link" <tom@digspec.reno.nv.us> wrote:

>Every time the radio receives a valid position packet (it beeps) and the
gps III plus map screen goes blank and (slowly) redraws. I wasn't sure what
was going on until I disabled the NMEA interface on the GPS. Then the
moving map worked fine. As soon as I re-enabled NMEA, same thing.
This only affects the moving map page on the gps-the others are
unaffected.

>What is going on? The TH-D7a is obviously sending -something- to the GPS.
 I thought the radio was supposed to be listening to the GPS-not talking.

The D7 is both listening and talking. I thought it was a horrible idea
when I first heard it, but I have come to think it's a great feature.
Of course, I don't see the disappearing map problem on my II+, since
I've go no map, just a track display with waypoints shown.

As has been mentioned, setting the GPS not to take NMEA input would
stop it. Or you could construct the cable without the TNC-to-GPS lead
connected, if you're sure you will never want it, or with a switch if
you're not that sure.

The beeping can be turned off in the D7 menu, btw.

Neil Fullagar KE6NCX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] APRS In Europe?

From: Rosenberg.Eric@Orbcomm.COM
Date: Mon, 15 Mar 1999 17:09:14 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10873-1999.03.15-16.12.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm going to Europe soon, and hope to bring my D7 with me.

What are the APRS frequencies in Europe, specifically the UK and
Switzerland? And how would one set up the digi path?

I'll be in Geneva and London (and Moscow).

Eric W3DQ/M0BMI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] Inputting to the MCP-D& Software

From: Rosenberg.Eric@Orbcomm.COM
Date: Mon, 15 Mar 1999 17:32:28 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10876-1999.03.15-16.37.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a way to import the data from a spreadsheet or similar file.
Manual input is amazingly slow and painful!

If anyone out there has a file of all the Region 1 simplex and repeater
channels in a file, I'd appreciate a copy :-)

Eric W3DQ
rosenberg.eric@orbcomm.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] Re: Inputting to the MCP-D& Software

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Mon, 15 Mar 99 17:41:00 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10877-1999.03.15-16.43.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Is there a way to import the data from a spreadsheet or similar file.
> Manual input is amazingly slow and painful!
>
> If anyone out there has a file of all the Region 1 simplex and repeater
> channels in a file, I'd appreciate a copy :-)
>
> Eric W3DQ
> rosenberg.eric@orbcomm.com
>
>
>
> ---
> You are currently subscribed to htaprs as: N2YGK@WECA.ORG
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

It's just a text file. Use your favorite text editor.... YMMV.

/a

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] Re: 220 charger?

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Mon, 15 Mar 1999 17:47:14 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10878-1999.03.15-16.50.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Many converters are available for the traveler. These will convert a
220
>source to 110. You can plug the charger right into it. Since many of
>these
>are made for hair dryers, your 70mA output will not be a problem.

WOAH NELLIE!

Many of these are simply diodes, intended for resistive loads like a
hair dryer.
This will not work well (at all?) with a transformer device. Make sure
that what you get will work with small electronic devices and
inductive loads.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] New firmware and GPS35

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Mon, 15 Mar 1999 16:14:59 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10883-1999.03.15-17.17.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I did see a post about this, but I thought I would find out for sure if anyone has received good
positions into the D7A with the GPS35?

Thanks,

Tom

73. [htaprs] Re: New firmware and GPS35

From: "Ron Reeves" <ron.reeves@worldnet.att.net>
Date: Mon, 15 Mar 1999 16:05:14 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10887-1999.03.15-18.10.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tom,
I am using my GPS-35's with the D7A. It works great. I am very happy with the upgrade.

Ron
N7QXO
    -----Original Message-----
    From: Thomas M. Schaefer <toms@inconnect.com>
    To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
    Date: Monday, March 15, 1999 3:15 PM
    Subject: [htaprs] New firmware and GPS35

    I did see a post about this, but I thought I would find out for sure if anyone has received good
positions into the D7A with the GPS35?

    Thanks,

    Tom

74. [htaprs] Re: APRS In Europe?

From: Ernst Niggli <niggli@pyl.unibe.ch>
Date: Tue, 16 Mar 1999 08:15:17 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-10943-1999.03.16-01.17.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Eric,

there is a small APRS start-up group of APRS users near Bern with an
IGATE in Burgdorf. This is
about 100 miles east of Geneva. From a nearby mountain, you should be
able to
reach the net.

Check it out on   http://come.to/hb9pvi

The frequency is 144.725.

Hope to see you on the map soon.

73 Ernst HB9PVI
[Attachment: niggli.vcf; text/x-vcard; 286 bytes]

75. [htaprs] Re: APRS In Europe?

From: Ernst Niggli <niggli@pyl.unibe.ch>
Date: Tue, 16 Mar 1999 13:45:51 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10955-1999.03.16-06.47.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Lee,

http://come.to/hb9pvi should work again. We were moved on a new server
today and I had to change
the link on the redirect service.

In case it does not work again, try:

http://pylwww.unibe.ch/~niggli/aprs.html

73 Ernst
[Attachment: niggli.vcf; text/x-vcard; 286 bytes]

76. [htaprs] APRS in Brazil?

From: "Rodrigues, Sr. Alex Pinheiro Machado" <alex@bra.ops-oms.org>
Date: Tue, 16 Mar 1999 09:52:52 -0300
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10958-1999.03.16-07.20.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi!
Any ham working aprs in Brazil?
73!
DE pt2vhf
Brasília, Brazil

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] Re: htaprs digest: March 15, 1999

From: Neil Savin <neil@savin.org>
Date: Tue, 16 Mar 1999 19:20:20 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11003-1999.03.16-13.21.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/html

At 00:00 16-03-99 -0600, you wrote:

Subject: APRS In Europe?

From: Rosenberg.Eric@Orbcomm.COM

Date: Mon, 15 Mar 1999 17:09:14 -0500

X-Message-Number: 7

I'm going to Europe soon, and hope to bring my D7 with me.

What are the APRS frequencies in Europe, specifically the UK and

Switzerland? And how would one set up the digi path?

I'll be in Geneva and London (and Moscow).

Eric W3DQ/M0BMI

Hi Eric, APRS is very new to the UK, and so there is not much activity,
almost zero. I guess there are abt a dozen or so stations that are active
in the whole country. We use 144.800 MHz and we have our own SIG at
APRSUK@onelist.com

I am abt 30 miles west from London, so I look forward to seeing you on my
screen.

73 de Neil G0SVN

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] FW: MCP_D7 program

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Tue, 16 Mar 1999 22:27:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11051-1999.03.16-21.31.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Evening All..

Spent the day programming my D7 using the MCPD7 program. One glitch
that I found: I can't get it to transfer AM to the radio. It saves
it in MCP, but it won't transmit it to the radio. Is this unique
to my situation, or did I find an "undocumented feature"?

Thanks,
Chris N4BSA (ex KD4PHS)

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79. [htaprs] TH-D7 return for upgrade

From: " steve scott tv21/33 las vegas" <kd8s@skylink.net>
Date: Tue, 16 Mar 1999 19:33:30 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11052-1999.03.16-21.33.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Trying to find out what the turnaround is for the firmware upgrade for the
TH-D7.

also, has anyone sent in one for a upgrade and had it returned with the
squelch pulseing problem corrected?

anyone got one back that now is getting a magellan meridian xl to talk to
the TH-D7?

i showed my THD7 to some race car guys at the las vegas speeday, they were
interested in putting gps into the race cars so it could be tracked on the
internet.

i suggested that that would not be very productive since the cars go around
and around
the track.

perhaps they had some other ideas?

73

steve scott tv21/33 las vegas
kd8s@skylink.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

80. [htaprs] WAS.. RE: TH-D7 return for upgrade

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Tue, 16 Mar 1999 22:41:05 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11053-1999.03.16-21.45.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't know.. But it could prove to be interesting watching from
the sports book...

Anyway .. I do have another D7 related question... I have a really
bad birdie from my GPS12 on 147.315.. Which really stinks, since my
repeater is on that frequency! Can anyone with a D7 check, and see
if it is just me, or if the GPS really does have it there? If it is
just me, I might get Garmin on the phone, and see if there is
anything I can do while my GPS12 is in the shop in KS..

Chris
N4BSA

-----Original Message-----
From: bounce-htaprs-6821@lists.tapr.org
[mailto:bounce-htaprs-6821@lists.tapr.org]On Behalf Of steve scott
tv21/33 las vegas
Sent: Tuesday, March 16, 1999 10:34 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] TH-D7 return for upgrade

Trying to find out what the turnaround is for the firmware upgrade for the
TH-D7.

also, has anyone sent in one for a upgrade and had it returned with the
squelch pulseing problem corrected?

anyone got one back that now is getting a magellan meridian xl to talk to
the TH-D7?

i showed my THD7 to some race car guys at the las vegas speeday, they were
interested in putting gps into the race cars so it could be tracked on the
internet.

i suggested that that would not be very productive since the cars go around
and around
the track.

perhaps they had some other ideas?

73

steve scott tv21/33 las vegas
kd8s@skylink.net

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---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

81. [htaprs] Re: birdie on 147.315

From: Walter Dunckel <wdunckel@best.com>
Date: Tue, 16 Mar 1999 19:55:38 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-11055-1999.03.16-22.01.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Looks like you're not the only one. I hear some strong noise at that
frequency from my Garmin III. Good luck.

Walter

http://www.best.com/~wdunckel/thd7.html

Chris Schwab wrote:

> Anyway .. I do have another D7 related question... I have a really
> bad birdie from my GPS12 on 147.315.. Which really stinks, since my
> repeater is on that frequency! Can anyone with a D7 check, and see
> if it is just me, or if the GPS really does have it there? If it is
> just me, I might get Garmin on the phone, and see if there is
> anything I can do while my GPS12 is in the shop in KS..
>
> Chris
> N4BSA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] Re: WAS .. RE: TH-D7 return for upgrade

From: John Vause <jdv@iglou.com>
Date: Tue, 16 Mar 1999 23:10:37 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-11056-1999.03.16-22.12.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's not just yours. My 12xl is putting out spurs on 147.220-.250
147.275-.290, 147.300-.320, and 147.330-.345.
I wonder if the 12cx puts out spurs on those freqs?

Chris Schwab wrote:
>
>SNIP<
>
> Anyway .. I do have another D7 related question... I have a really
> bad birdie from my GPS12 on 147.315.. Which really stinks, since my
> repeater is on that frequency! Can anyone with a D7 check, and see
> if it is just me, or if the GPS really does have it there? If it is
> just me, I might get Garmin on the phone, and see if there is
> anything I can do while my GPS12 is in the shop in KS..
>
> Chris
> N4BSA
>
> -----Original Message-----
> From: bounce-htaprs-6821@lists.tapr.org
> [mailto:bounce-htaprs-6821@lists.tapr.org]On Behalf Of steve scott
> tv21/33 las vegas
> Sent: Tuesday, March 16, 1999 10:34 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] TH-D7 return for upgrade
>
> Trying to find out what the turnaround is for the firmware upgrade for the
> TH-D7.
>
> also, has anyone sent in one for a upgrade and had it returned with the
> squelch pulseing problem corrected?
>
> anyone got one back that now is getting a magellan meridian xl to talk to
> the TH-D7?
>
> i showed my THD7 to some race car guys at the las vegas speeday, they were
> interested in putting gps into the race cars so it could be tracked on the
> internet.
>
> i suggested that that would not be very productive since the cars go around

> and around
> the track.
>
> perhaps they had some other ideas?
>
> 73
>
> steve scott tv21/33 las vegas
> kd8s@skylink.net
>
> ---
> You are currently subscribed to htaprs as: 1schwab1@tampabay.rr.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: JDV@IGLOU.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
* John Vause KF4ERV jdv@igloudot.com *
NOTE: email address altered for benefit of Spambots
Remove the "dot" for proper reply address
Politicians love UNARMED serfs - Bumper Sticker
"Unlike computers, guns don't have Y2K problems..."
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] Re: birdie on 147.315

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Tue, 16 Mar 1999 23:26:36 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11057-1999.03.16-22.30.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Okay.. Looks like I may need to look around.. Is a GPS unit permitted
to give off interference such as what we are experiencing? Guess it's
time to pull out the FCC rule book. This makes it very hard to use in
an enviorment such as ours, when you have the GPS knocking out voice
frequencies!

Chris

-----Original Message-----
From: bounce-htaprs-6821@lists.tapr.org
[mailto:bounce-htaprs-6821@lists.tapr.org]On Behalf Of Walter Dunckel
Sent: Tuesday, March 16, 1999 10:56 PM
To: TAPR HT APRS Special Interest Group
Cc: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: birdie on 147.315

Looks like you're not the only one. I hear some strong noise at that
frequency from my Garmin III. Good luck.

Walter

http://www.best.com/~wdunckel/thd7.html

Chris Schwab wrote:

> Anyway .. I do have another D7 related question... I have a really
> bad birdie from my GPS12 on 147.315.. Which really stinks, since my
> repeater is on that frequency! Can anyone with a D7 check, and see
> if it is just me, or if the GPS really does have it there? If it is
> just me, I might get Garmin on the phone, and see if there is
> anything I can do while my GPS12 is in the shop in KS..
>
> Chris
> N4BSA

You are currently subscribed to htaprs as: 1schwab1@tampabay.rr.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Re: TH-D7 return for upgrade

From: "Ray J. Vaughan" <ray@rayvaughan.com>
Date: Tue, 16 Mar 1999 23:49:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11062-1999.03.16-22.54.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>i showed my THD7 to some race car guys at the las vegas speeday, they were
>interested in putting gps into the race cars so it could be tracked on the
>internet.
>
>i suggested that that would not be very productive since the cars go around
>and around
>the track.
>
>perhaps they had some other ideas?

Maybe they're thinking about the truck that takes the cars from track to
track. That would be good for the home office to track and let the others
in the circuit keep an eye out for each other.

Everyone: If you ever get the chance to get to a major race track, go down
to pit row. There is so much radio technology in every car and pit, you
will not believe it! These guys use SS beteen the truck and the pit.
There's data flowing everywhere.

When CART is in Miami (next weekend) I coordinate the broadcast spectrum on
site. There's so much going on. A fun place to take a scanner too.

Ray, KD4BBM

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85. [htaprs] upgrade turnaround

From: "Rich Casey" <casey@acm.org>
Date: Tue, 16 Mar 1999 23:04:39 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11063-1999.03.16-23.09.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not sure if this is any indication but my ht was rcvd there on Feb 24
(according to UPS) and was sent back to me on 3/10 (exactly 2 weeks later).
I got it back yesterday 3/15.
  My VHF xmtr was down, so it was in for repair; sure that contributed to
the turnaround time. The firmware upgrade was done too, which I appreciated.
  No complaints at this end, tho I'de wished I had the UPS number on the
return so I could know where it was.
  Since I am using a GPS III, I didn't need the upgrade but good to have it
just in case.
  Great to have my data-talkie back.... I missed this thing!
Rich

----------- \\ -------------------------
Rich Casey   casey@acm.org
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

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86. [htaprs] TH-D7 Review in CQ-VHF

From: Walter Dunckel <wdunckel@best.com>
Date: Tue, 16 Mar 1999 21:06:33 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-11064-1999.03.16-23.11.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I picked up the April issue and read the review on page 12. It is
somewhat informative about some of the features of the radio, at least
for a person that is completely unfamiliar with the radio. I was a
little disappointed that there wasn't a little more detail in the
article.

For instance, no comments about the HT-APRS SIG group. No mention about
the availability of software to program the radio. (I know software
wasn't available when the article was written, but I think it was known
that software would come soon). Also the frequency specifications listed
in the article are not totally accurate. I imagine the author purchased
a pre made cable, otherwise there may have been a note about the sketchy
description of cabling in the manual. Pictures of some of the aprs
displays (like icons) would have been nice. I did like how they included
information on how to do E-mail over aprs.

In all a decent article for the amateur that doesn't own one. (Probably
CQ's target after all!)

--
http://www.best.com/~wdunckel/thd7.html

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

87. [htaprs] Re: New firmware and GPS35

From: Phillip Clark <pbclark1@ibm.net>
Date: Tue, 16 Mar 1999 22:41:45 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-11085-1999.03.17-00.43.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, I have. Had my D7A upgrades last week, and now my GPS35 works
fine.
                                                                    Phil

"Thomas M. Schaefer" wrote:

> I did see a post about this, but I thought I would find out for sure
> if anyone has received good positions into the D7A with the
> GPS35? Thanks, Tom

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88. [htaprs] TH-D7 DIRTY BIRDIE

From: " steve scott tv21/33 las vegas" <kd8s@skylink.net>
Date: Wed, 17 Mar 1999 05:11:08 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11113-1999.03.17-07.11.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think this has been posted in the past, but the birdie or spur, or image,
or mix, or whatever on my TH-D7 is a real pain.   every day i use it,
sooner or later, it will start pulseing the squelch on and off. if it s not
that, its a dead weak carrier on top of the aprs freq. it does not seem to
care what freq. i am tuned to. i did the middle of the desert test to
isolate the rig from anything external. yesterday for the fun of it, i put
it under a metal trashcan to sheild the radio, and it made it worse.
            i ran the unit on a regulated constant current power supply, to
make sure that it maintained correct dc voltage . it still happened.

           i plan on returning the radio, for the upgrade, but the squelch
pulseing is not any fun, and it runs down my battery faster, and i can not
beacon out aprs data.

           i think that it might be an isolated problem wtih my rig...

any comments

73
kd8s@skylink.net

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89. [htaprs] Re: TH-D7 DIRTY BIRDIE

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Wed, 17 Mar 99 10:09:11 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11123-1999.03.17-09.11.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> i think that it might be an isolated problem wtih my rig...

Others have reported the same thing. It sometimes happens on mine but not consistently. When I finally send it in for the microcode upgrade I will ask for the squelch pulse fix as well.

73 de Alan N2YGK

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90. [htaprs] Re: TH-D7 DIRTY BIRDIE

From: rwf <rwf@BSRG.org>
Date: Wed, 17 Mar 1999 21:32:20 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11141-1999.03.17-11.32.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mine does it too. I thought it might be RFI from the internal TNC.
Of course, if you are running a Laptop nearby it may also me contributing.
Mine does.

BUT- it still pulses to some extent when the laptop is not involved.

Ralph

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91. [htaprs] Birdies

From: N2nwz@aol.com
Date: Wed, 17 Mar 1999 12:36:34 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11145-1999.03.17-11.43.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In the manual on page 93 there is a note about internal heterodyne when it will occur. Maybe this is the problem people have been having.

Anthony N2NWZ

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92. [htaprs] Re: Birdies

From: Alan Crosswell <n2ygk@weca.org>
Date: Wed, 17 Mar 99 13:22:55 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11156-1999.03.17-12.25.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> In the manual on page 93 there is a note about internal heterodyne when it
>will occur. Maybe this is the problem people have been having.

Nope. I tried the beat shift. That's supposedly only caused when the TNC is on. I get the squelch thing when it is off, usually when monitoring 147.06 and 447.475.

73 de Alan N2YGK

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93. [htaprs] Re: TH-D7 return for upgrade

From: mead <mead@hamal.usc.edu>
Date: Wed, 17 Mar 1999 10:37:00 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11159-1999.03.17-12.39.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Trying to find out what the turnaround is for the firmware upgrade for the
> TH-D7.
>

I asked this very question as I dropped mine off for upgrade:

7-days

was the answer.

Dick   WB6NGC

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94. [htaprs] gps birdies

From: "Leon Ciereszko" <n4tcw@hotmail.com>
Date: Wed, 17 Mar 1999 11:47:43 PST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11169-1999.03.17-13.50.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I and other hams in Miami have had problems with gps emitting on
147.315. This is not only in Garmin units but has been heard on
Magellens and Trimbles(not sure on exact model #'S)

Lee N4TCW
Get Your Private, Free Email at http://www.hotmail.com

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95. [htaprs] RE: gps birdies

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Wed, 17 Mar 1999 22:07:36 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11220-1999.03.17-21.11.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Exactly... It doesn't matter if the radio is hooked up to the GPS or not..
In fact, it even gets into my FT5200. Does anyone have any ideas on how
to possibly attenuate the signal?

Chris

-----Original Message-----
From: bounce-htaprs-6821@lists.tapr.org
[mailto:bounce-htaprs-6821@lists.tapr.org]On Behalf Of Leon Ciereszko
Sent: Wednesday, March 17, 1999 2:48 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] gps birdies

I and other hams in Miami have had problems with gps emitting on
147.315. This is not only in Garmin units but has been heard on
Magellens and Trimbles(not sure on exact model #'S)

Lee N4TCW

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---
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96. [htaprs] Re: FW: MCP_D7 program

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Thu, 18 Mar 1999 19:32:28 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-11320-1999.03.18-21.35.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had a similar problem, I tried to set the AM VFO to AM and 'force' it.
Didn't seem to work.

I'm not sure exactly how I did it, but after I did my initial upload and
found that AM for each memory wasn't set. I went back again and changed
each AM memory location in MCP to set the AM checkbox. Seemed to work the
second time around...??

Glenn KG7IL
Renton, Wa

Chris Schwab wrote:

> Good Evening All..
>
> Spent the day programming my D7 using the MCPD7 program. One glitch
> that I found: I can't get it to transfer AM to the radio. It saves
> it in MCP, but it won't transmit it to the radio. Is this unique
> to my situation, or did I find an "undocumented feature"?
>
> Thanks,
> Chris N4BSA (ex KD4PHS)
>
> ---
> You are currently subscribed to htaprs as: kg7il@foxinternet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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97. [htaprs] Band A/B confusion

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Fri, 19 Mar 1999 11:50:18 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11418-1999.03.19-12.52.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, I just got the HT yesterday. Quite a nice radio. I am a bit confused about the BAND A/B and memories. I leave Band A on APRS. In band B, I want to have VHF and UHF repeaters in the memories, but if I try to program a VHF frequency, it seems to go to its own memory bank for VHF. Same thing happens if I try to program a UHF repeater, It seems to go to its own memory bank. If I want to go between the VHF and UHF memories, I have to push F-BAND. Is this normal?

Also, in case no one has mentioned it to Kenwood, a feature to only have the radio beep for keypad and incoming messages would be nice. I keep the beep off so I do not hear a beep on every new packet, but I would like to hear when a new message comes in. I guess I could set my position limit to a low value if I just want to get messages and not positions.

Any clarification to my questions would be appreciated.

I do like the radio!

Tom, NY4I

98. [htaprs] RJ-45/11 on HT GPS/COMPUTER cable

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Fri, 19 Mar 1999 11:52:27 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11419-1999.03.19-12.54.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone tried to put an RJ-45/11 on the wires coming from the stock Kenwood GPS/computer cable. I was thing of putting a modular plug on them so I can use the same cable, but I was concerned about the cable breaking as the molded connector was crimped down.

Thanks,

Tom

---

99. [htaprs] Re: Band A/B confusion

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Fri, 19 Mar 1999 13:55:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11420-1999.03.19-12.59.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, I just got the HT yesterday. Quite a nice radio. I am a bit confused about the BAND A/B and memories. I leave Band A on APRS. In band B, I want to have VHF and UHF repeaters in the memories, but if I try to program a VHF frequency, it seems to go to its own memory bank for VHF. Same thing happens if I try to program a UHF repeater, It seems to go to its own memory bank. If I want to go between the VHF and UHF memories, I have to push F-BAND. Is this normal?

Yup, I don't know why they did that, it seems simpler to just scroll through all the channels that are legal for that tuner (think of them as tuners, rather than "bands" in the manual, it's less confusing)

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---

100. [htaprs] TH-D7A Service Manual and Power Plug (answers)

From: wdr@world.std.com (William D Ricker)
Date: Fri, 19 Mar 1999 19:19:42 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org (HT APRS list at TAPR),
kenwood@qth.net (Kenwood list at QTH)
Message-ID: <LYR845-11456-1999.03.19-18.23.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Long, 3 parts: SERVICE MANUAL review, Power Plug Schematic review, and how to get service manual.

> Once someone sees a service manual maybe we'll know.

Kenwood sent me the attached reply when I asked for the part# of the service manual on HTAPRS. (Very quickly, I might add; thanks Leo!) For about $25 including S/H (17+7 I think), I've got it already. Very nice looking schematics with key traces highlighted with wide-black or red-overprint; and nice pcboard views, readably overprinted in pink and gray.

The Service Manual includes the usual disassembly instructions (looks detailed, hope I never need to try it but...), circuit description, description (identification/xref) of components, semiconductor data, parts list, exploded view, Adjustment procedures (assumes an experienced tech with a good bench!), PCBoard views, schemtics, levels diagram. Tipped in are two supplments, ASI-0040 ("MARS" mod) and ASI-0041 ("Beyond MARS").

The "Circuit Description" section is good at the block-level diagram description, giving the full frequency conversion configuration and the transmitter block diagram, but no RX block diagram. Radio functions are documented, but TNC/APRS functionality is minimally covered above the block-diagram level. A Very Interesting (and good!) feature is mentioned: "and a warning sound is made when an abnormal power supply voltage (17.5 to 22.0V) is applied." (at 24V, it just smokes, I guess.) This is a great idea, but not one to rely upon! For the absolutely crazy hardware hackers, a compolete pinout of the

microcomputer is supplied, with I,O,I/O; H/L/U/D/d-a; and function, as
well as the FM demod PLL chip.

> Brian wrote:
> > I realize that now. If I supply it with a heftier wall wort or a serious
> >13.8 VDC supply that should do it shouldn't it? If you supply it with
> >heavy duty DC does it simultaneously recharge the battery _and_ run the
> >HT?
> THAT is the million dollar question.

I believed it was recharging off the automotive adapter when I tried
it with the unit on. Having received a service manual, I still believe
this.

SPECS

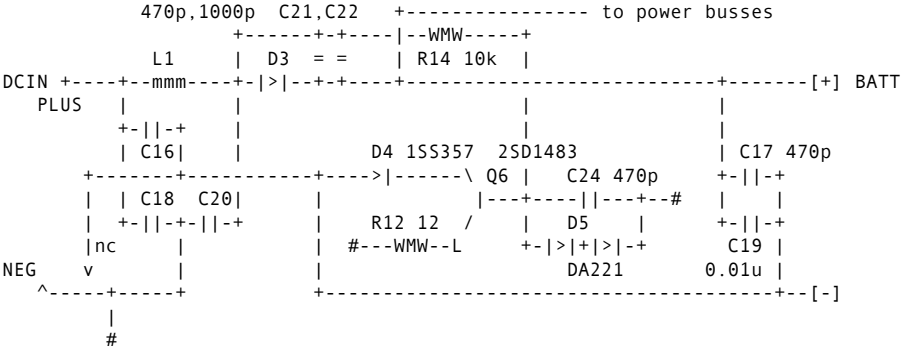
Specs on Svc manual are
        Current,EL,6.0V,batt ~300mA
        Current,L,6.0V,batt ~500mA
        Current,H,9.6v,batt   ~1.6A VHF, ~1.7A UHF
        Current,H,13.8v,DC-In   ~1.6A VHF, ~1.7A UHF
        DC-IN 5.5 ~ 16.0V (13.8V)
(Current probably higher at 16V? or not since not lower at 9.6v?)
(no current given for L on 9.6v or 13.8v :-))

POWER RECHARGE ON SCHEMATIC

Looking at the schematic, we see that the D4/Q6/D5 "Ni-Cd battery
recharging circuit" is engaged, and the battery [-] terminal lifted
from the chasis, by the DC-IN jack-switch. DC-IN (+) is connected
to BATT [+] via a choke and a diode only, no switching. The
recharge circuit appears to be current-and-voltage limiting; it
lifts the [-] contact to a minimum of three diodes above DC-IN (-),
and I suspect if I tooled out what Q6 is doing it would be limiting
charging to the specified C/3 rate for the cheaper pack. (How it can
avoid overcharging the 6v pack and still charge the 9.6v pack I
haven't figured yet.)

FYI, the diode that I saw in the Alkaline pack is completely consistent
with the schematics of the PB-38 and PB-39 NiCd battery packs; they
have a diode between the external CHARGE [+] terminals and the battery.
They also have a "BLEAKER(80+-5degC)" in series between the cells to
prevent overcharging. Middle tab for drop-in charger is thermistor,
referenced to [-]. Note that the 6v battery and 9.6v battery use different
positions of external [+] charge terminal. Dropin charger current speced as
as 700mA for the 6v battery, 450mA for the 9.6v battery, +-10%.

The internal charger circuit is as follows, badly rendered as
ASCII ART, choose COURIER or other FIXED WIDTH font ...



   ==

SERVICE MANUAL, HOW TO GET

Kenwood's reply on D7A/E service manual.

K> Dear Kenwood Customer: The BC-17 slow charger is not a power source its
K> a CHARGER ONLY for the TH-D7A.
K> Service manual part number is B51-8444-00

K> Thank you for your e-mail inquiry. To order replacement parts and manuals,
K> please contact one of our Parts Distributors listed below.

K> Pacific Coast Parts (800) 262-1312
K> 15204 Staff Court   (310) 515-0207
K> Gardena , CA 90248   Fax(310) 538-4919
K> Internet: http://www.pacparts.com
K> E-Mail orders@pacparts.com
K> 8:00AM - 4:30PM PST

K> East Coast Transistor Parts Inc. (800) 637-0388
K> 2 Marlborough Road   (516) 483-5742
K> West Hempstead, NY 11552   Fax (516) 483-5904
K> 9:00AM - 5:30PM EST

Needless to say, my order went to the wrong coast since pacparts.com
was clickable and the east coast wasn't open.

73 de N1VUX
--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr   to those who own one."--A.J.Liebling

---
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101. [htaprs] TH-D7A upgrade

From: "Jacques Voisin" <jvoisin@evcom.net>
Date: Fri, 19 Mar 1999 19:54:21 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11468-1999.03.19-18.56.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I sent my D-7 last Monday to Kenwood for upgrade. Had a phone call today
Friday asking why I sent it, was it for upgrade or repair? Forgot to mention
it on my included card with my address. Told them upgrade and also mentioned
the squelch pulse. They will check it and ship my radio back Monday.
  Way to go Kenwood!

Jacques C. Voisin, KD4TWB, AAR4JI
http://evcom.net/~jvoisin/kd4twb.htm
e-mail: jvoisin@evcom.net

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102. [htaprs] Re: RJ-45/11 on HT GPS/COMPUTER cable

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Fri, 19 Mar 1999 22:06:55 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11525-1999.03.20-00.09.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I have used the RJ-11 jack and telephone line cords for my Garmin
GPS-45xl. Works great. No problems with anything breaking.
There are a few warnings though.
Some RJ-11 Telephone line cords are not wired the same. Most are
straight through with the same pin-out orientation on both ends. Some
are cross over. This is explained a bit more in the text (web page
below).

My color coding is shown on my web page.
*http://kg7il.foxinternet.net/ham/aprs/swdata.htm#Schematic
 This particular page shows it connected to my KPC-3+ but it is
applicable to the TH-D7A as well.

I also have a diagram of the Garmin GPS plug to the TH-D7A
*http://kg7il.foxinternet.net/ham/aprs/45xl-d7a.htm

Good Luck, let me know how it works for you.
Glenn,   KG7IL in Renton

"Thomas M. Schaefer" wrote:

> Has anyone tried to put an RJ-45/11 on the wires coming from the
> stock Kenwood GPS/computer cable. I was thing of putting a modular

> plug on them so I can use the same cable, but I was concerned about
> the cable breaking as the molded connector was crimped
> down. Thanks, Tom

103. [htaprs] APRSNet testing Web page

From: Charles Richard <w4hfz@sprynet.com>
Date: Sat, 20 Mar 1999 09:59:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11606-1999.03.20-09.04.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Recently myself and KF4CDO have been conducting some initial testing of
the APRSNet concept. As described in the documentation for DosAprs,
APRSNetting takes the entire TCP/IP Telnet feed, and makes it available
to users via a 9600 bd RF link on a separate 2 meter or 70 cm frequency.
  This give the mobile, portable, or fixed user access to the entire
world wide APRS "picture" without the need for direct internet access.
  A "server" station provides this feed using one of two software
packages written by KH2Z or IK4VYX. A "user" station runs traditional
APRS software. We have been able to "feed" over 400 stations to a user
in 5 minutes, and over 1000 in under an hour.
  I've written up the details of our testing to date at:
http://home.earthlink.net/~w4hfz

Note that I have several more pictures to get posted, and will continue
to update the pages as the testing continues.

We are continuing to refine the concept, including optimizing the server
software with the help of the authors. We are also tweaking on user
stations, network parameters, etc. However, I think there are several
areas around the country that would be interested in further exploring
the idea, and we wanted to document our work to date so that others
could join in, and help improve the concept.

This idea has some potential to help reduce loading on 144.39 in some
areas. It could be useful to home users desiring access to the internet
feed but are restricted in dial up internet access time (e.g. one phone
line shared with the phone). It is amazing to watch mobile or portable.
Best of all, it is a natural fit to the new TH-D7a. One user station
tested for this was just a laptop and a TH-D7a running at 9600 bd.

73 de Chas, W4HFZ

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104. [htaprs] Thanks Kenwood, Excellent job.

From: Kevin Kelly <kkelly@radix.net>
Date: Sun, 21 Mar 1999 12:10:59 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11753-1999.03.21-11.13.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings,

Just received my TH D7A back from the Kenwood firmware upgrade. As
promised the upgrade fixed the compatibility problem that existed with
some popular GPS receivers including the Garmin GPS 35, and (I expect)
the Delorme Tripmate. After turning on the HT after the upgrade I was
most surprised and impressed to find that Kenwood had reloaded all of my
frequencies and settings.

I would like to take this opportunity to thank Kenwood for their
response to the owners of TH D7A's by producing a timely upgrade. I
realize they didn't have to do it and could have easily waited until the
"next model".

The technical innovation demonstrated by Kenwood in the TH D7A and it's
timely response to their customers is why I buy Kenwood product. I look
forward to the mobile version of the APRS radio. Any chance we will see
it at Dayton?:>)
--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

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105. [htaprs] TH-D7A APRS Question

From: "George Minich" <gminich@toshiba.ca>
Date: Sun, 21 Mar 1999 20:28:11
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11817-1999.03.21-20.30.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I might be missing something but here goes. When tracking mobile stations, does APRS perform speed calculations or are the speed references sent from the mobile station based on GPS output? Reason: I tested my D7A on the road and once I arrived home, I did not see a "speed" field in my mobile station's data listing. I did notice that my station was a "MIC ENC" type of station. Am I doing something wrong here or have I missed the boat on this one?

There has been no mobile stations in my area lately so I did not have the chance to decipher any mobile APRS data packets to look for a speed component.

Thanks

George Minich
VA3GAM

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] Re: [amsat-bb] PACSATs & Kenwood HT

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 21 Mar 1999 22:33:19 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: amsat-bb@amsat.org, htaprs@tapr.org
Message-ID: <LYR845-11826-1999.03.21-21.36.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 21 Mar 1999, Garie Halstead asked about handheld PACSAT OPS using the new Kenwood THD7 HT with built in 9600 baud TNC in RECEIVE ONLY Mode:
>
> Being totally new to the PACSATs (and digital birds in general)...what
> kind of messages could one expect to download from a sat like KO-25 with
> the TH-D7A Bob?

WISP will capture every message in the downlink. But it will only be in the downlink if someone else is "requesting" it. Thus the problem of receive-only operation. You will see plenty of BULLETINS and other general messages to everyone, but you will never see a message to YOU, unless someone else is reading it while you are monitoring!

We were considering several possibilities for working around this problem:

1) Keep message to only a few words so that you could see it just in the subject line. THus, you would get it in the directory listing.

2) Bundle all short messages (about 1 line or so each to each mobile user into one "APRS MESSAGE" file. Then have a ground station request that file on every pass. The file would be updated by a gateway station on every pass so that it was always current with traffic for the mobile users. Since it was always being updated and downlinked, receive only stations would have a good change of receiving it. Conventional users need not fear. An APRS message is more like a single line TEXT pager. The entire APRS MESSGE file containing messages for say 25 mobiles would occupy less than 2 seconds on the downlink....

> What would be the HT's downloading capacity on a single pass?

*** The HT here is only the radio and TNC. The LAPTOP is doing all the work. I think typical captures approach a megabyte per pass, but to an HT surrounded by buildings and trees, would see far less, maybe a few hundred K. But only the few K that you received 100% would count, unless you monitored many more passes to slowly fill in the holes...

> After the download process, what proceedure does one follow in order to
> read what you've downloaded?

**** Its built into WISP. Just slect the read option. But again, you can

only read message files that were received 100%.

Lots of potential here.... Now that there are lots of these 9600 baud
HT's out there, its time to do some experimenting....

bob, WB4APR

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107. [htaprs] OT but Kenwood related

From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Mon, 22 Mar 1999 08:37:45 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11879-1999.03.22-08.40.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is a little off topic but I thought I'd ask here anyway since this is
the only SIG I follow which deals with a specific Kenwood product and there
is a good chance that other that follow this SIG are big Kenwood users.
Also the Kenwood people which monitor this list seem to be very responsive.

A friend of mine bought a new V7A dual band radio less than two weeks ago.
Due to a situation not important to go into here, he lost the control head.
 He indicates he has made every effort to try and buy a new control head
but has been told you can not unless you maybe live in Japan. My friend
has now ordered a second radio so the original base may not go totally
unused but he would like to get a replacement.

My question to the group is does anybody have or know of anybody that has a
control head with out a base and would like to sell it?

My question to Kenwood is ... surely there is a way to get a new control head?

Please contact me directly regarding this and not via the SIG. I'll put
you in contact with my friend directly if anybody has a resolution to his
problem.

Thanks for the short OT subject.

BTW, I am a D7A owner and tapr member and have been in this SIG since
message 1. Thanks tapr, Kenwood and the group.

Later
Larry

```
-----------------------------------------------------
 Larry P. Thomas    wa0gwa  voice : 1 913 888-0282
 Krell Technologies           fax : 1 913 782-9359
 8960 Bond                  pager : 1 816 989-HELP
 Overland Park, KS              www.krell.com
 66214-1722    USA            lpthomas@krell.com
```

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108. [htaprs] D7 and speed <"LYR3648-11844-1999.03.22-00.00.37--JOE.LAGREEK(035)EDWARDJONES.C*"@MHS>

From: joe.lagreek@edwardjones.com
Date: Mon, 22 Mar 1999 13:56:52 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11943-1999.03.22-13.59.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

George

What GPS string are you using? To get speed you should use $GPRMC.

73 de N0OTM

Joe

Joe LaGreek

IS Mainframe
Bldg 201 2nd floor
Phone: (314) 515-2721
Pager: (314) 491-8920
Fax: (314) 515-4659
E-mail: joe.lagreek@edwardjones.com

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109. [htaprs] Wierd D7 Lockups

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Mon, 22 Mar 1999 23:41:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12038-1999.03.22-22.46.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I thought it was just me.. But it happened again tonight. I thought I was
out tracking tonight just fine. When I got home, and checked my track on
my home PC, I noticed that my track stopped 12 miles from home.. No
positions being tranmitted from the D7! I went outside to verify the radio,
and noticed that even though the decimal points in the Position display
were still blinking, the position has not been updated, and the radio
seemed to be locked up.. A quick power off and on corrected this. Does the
new firmware upgrade resolve issues like this, or this something I may
have to tolerate?

Thanks,
Chris N4BSA

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110. [htaprs] TH-D7 lockup in aprs

From: " steve scott tv21/33 las vegas" <kd8s@skylink.net>
Date: Mon, 22 Mar 1999 20:52:35 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12040-1999.03.22-22.53.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

my rig today was sitting on the bench. it was in aprs mode to becon out
every 10 minutes.   i noticed that i had not heard any new data bursts from
the digi.

i got a phone call that lasted about 5 minutes, then went over to find out
why i could not hear any new packets.

the th-d7 was stuck in aprs xmit mode for over 5 minutes if not longer.
i was unable to turn off the power, ptt nothing. i removed the battery
pack. this shut off the xmitter

duh

put the pack back in got control back, but lost all my data.

came back home tonight and used the pc to reload

73

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111. [htaprs] Re: TH-D7 lockup in aprs

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 23 Mar 1999 02:04:17 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12079-1999.03.23-02.05.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

1. Old or new version of the D7A ?
2. 13.5 Volt power external or battery ?
3. external or air cooled dummy load antenna ?

4. any RFI protection on the GPS cable ?

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

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112. [htaprs] RE: Wierd D7 Lockups

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Tue, 23 Mar 1999 06:48:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12086-1999.03.23-05.53.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is with the radio plugged into my 12 volt gel pack in the Jeep.
I had this problem once before with the radio plugged into the
cigarette lighter, and assumed that that was the problem, so I have
been lugging my 12v battery pack around with me until I order the
cable. But, it is still doing it to me now..

Chris

-----Original Message-----
From: Walter Dunckel [mailto:wdunckel@best.com]
Sent: Tuesday, March 23, 1999 1:23 AM
To: Chris Schwab
Subject: Re: [htaprs] Wierd D7 Lockups

just out of curiosity,
did this happen with an unfiltered cigarette lighter adapter?

I find that when I use an unfiltered adapter, my radio will lock up
often. About 3 times in an hour drive. I just bought a filtered plug,
but I have only tried it for a half hour so far. So far so good. I have
not had my radio lock up while using battery power, even in the car.

Walter

Chris Schwab wrote:
>
> I thought it was just me.. But it happened again tonight. I thought I was
> out tracking tonight just fine. When I got home, and checked my track on
> my home PC, I noticed that my track stopped 12 miles from home.. No
> positions being tranmitted from the D7! I went outside to verify the
radio,
> and noticed that even though the decimal points in the Position display
> were still blinking, the position has not been updated, and the radio
> seemed to be locked up.. A quick power off and on corrected this. Does the
> new firmware upgrade resolve issues like this, or this something I may
> have to tolerate?
>
> Thanks,
> Chris N4BSA
>
> ---
> You are currently subscribed to htaprs as: wdunckel@best.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
http://www.best.com/~wdunckel/thd7.html

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113. [htaprs] Re: D7 and speed

From: Lou_Ruh <Lou_Ruh@lotus.ssw.com>
Date: Tue, 23 Mar 1999 08:55:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12100-1999.03.23-08.07.45--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

>> I might be missing something but here goes. When tracking mobile
>>stations, does APRS perform speed calculations or are the speed references
>>sent from the mobile station based on GPS output? Reason: I tested my D7A
>>on the road and once I arrived home, I did not see a "speed" field in my
>>mobile station's data listing. ...
>> ... Am I doing something wrong here or have I missed the
>>boat on this one?

>George
>
>What GPS string are you using? To get speed you should use $GPRMC.
>
>73 de N0OTM

On a somewhat related topic (I think)... I am using the D7 connected to WinAPRS most of the time, and I did eventiually figure out that I needed to set GPSTEXT to $GPRMC to get the speed reports from the GPS to show up in WinAPRS (WinAPRS' default setting for the D7 is $GPGGA). However, even when I wasn't using $GPRMC and sometimes when I am stationary and not connected to a GPS, WinAPRS will occasionally include a speed in my position report. Has anyone observed this or does anyone know if maybe I have something misconfigured?

Thanks,

Lou

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114. [htaprs] Re: D7 and speed <"LYR3648-11844-1999.03.22-00.00.37--JOE.LAGREEK(035)EDWARDJONES.C*"@MHS>

From: "George Minich" <gminich@toshiba.ca>
Date: Tue, 23 Mar 1999 8:27:52
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12101-1999.03.23-08.30.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Joe,

   I am using a Garmin GPS III. I am not to sure on where this setting is that you, and others, have mentioned but I will search it out. I am quite noew to this and still have much experimenting to do.

    Thanks!

     George Minich

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115. [htaprs] Re: D7 and speed

From: "George Minich" <gminich@toshiba.ca>
Date: Tue, 23 Mar 1999 8:36:41
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12102-1999.03.23-08.39.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the reply Lou. Joe also mentioned the same setting. I think I now remember spotting this setting in the manual. I will give it a shot.

      Thanks

      George Minich

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116. [htaprs] TH-D7A with Upgrade

From: "George Minich" <gminich@toshiba.ca>
Date: Tue, 23 Mar 1999 13:56:55
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12138-1999.03.23-13.59.32--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I had my local dealer ship my D7A to Kenwood before I purchased it in order to avoid a potential long turn-around time. Since Saturday I have not noticed any of the strange "lockups" that people have been talking about. However, I have noticed that once the battery capacity drops to a certain level, any key-up will cause the radio to reset (reboot) itself. When this happens it goes through the entire power-up routine. Anyone with the old version of the firmware notice this? Perhaps Kenwood changed the firmware to reset in order to avoid lockups? Any comments? Other than that, I have had no problems with the unit.

     George Minich

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117. [htaprs] Re: TH-D7A with Upgrade

From: "Larry P. Thomas WA0GWA" <lpthomas@krell.com>
Date: Tue, 23 Mar 1999 15:09:49 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12156-1999.03.23-15.12.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At some low potential even an additional key press will cause enough additional current to flow to pull the battery voltage below the point set by the low voltage detection circuitry typically used in microprocessor deigns. This would cause a reset to occur. I have not upgraded my D7A yet and it has this behavior so I doubt any firmware upgrade was directed toward this.

BTW, In response to my OT message regarding a friends V7 dual band, I received a telephone call from Kenwood today about a possible solution. Personally, I am very pleased with the response Kenwood has provided regarding the D7A product.

Later
Larry

At 01:56 PM 3/23/99 +0000, George Minich wrote:
> I had my local dealer ship my D7A to Kenwood before I purchased it in
>order to avoid a potential long turn-around time. Since Saturday I have
>not noticed any of the strange "lockups" that people have been talking
>about. However, I have noticed that once the battery capacity drops to a
>certain level, any key-up will cause the radio to reset (reboot) itself.
>When this happens it goes through the entire power-up routine. Anyone with
>the old version of the firmware notice this? Perhaps Kenwood changed the
>firmware to reset in order to avoid lockups? Any comments? Other than
>that, I have had no problems with the unit.
>
>   George Minich
>
>---
>You are currently subscribed to htaprs as: LPTHOMAS@KRELL.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

 Larry P. Thomas   wa0gwa voice : 1 913 888-0282
 Krell Technologies   fax : 1 913 782-9359
 8960 Bond   pager : 1 816 989-HELP
 Overland Park, KS   www.krell.com
 66214-1722   USA   lpthomas@krell.com

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118. [htaprs] Case for D7?

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Tue, 23 Mar 1999 16:24:07 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12160-1999.03.23-15.25.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, all.

Any updated information on the matching case for the D7 from Kenwood? (I am
in need of two, perhaps three of them.) I'm currently using the "Pouch"
neoprene case, which works just fine, but it would be nice to be able to
operate the radio while inside a protective case...

Anyway, Kenwood, if you're listening, any news?

73

     -Rob
      KZ5RW

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119. [htaprs] D7 firmware and greater than 4-digit precision

From: Alan Crosswell <n2ygk@weca.org>
Date: Tue, 23 Mar 99 16:48:47 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12168-1999.03.23-15.51.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A clarification on the D7 firmware upgrade:

>Dear Kenwood Customer:
>
>   Thank you for your e-mail. New firmware works with greater than
>4-digit also. I do not have dates on how long we will do the firmware
>upgrade at Kenwood Service Center West, and do not anticipate it being done
>anywhere else.
>
>If you need further assistance, please e-mail us again.
>
>Sincerely,
>Kenwood Customer Care
...
>
> > > >Alan Crosswell at n2ygk@weca.org had the following request for help:
> > > >
> > > >Please answer the following questions:
> > > >
> > > >Date: Mon, 1 Mar 99 18:06:02 EST
> > > >From: Alan Crosswell <alan@watsun.cc.columbia.edu>
> > > >To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
> > > >Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>,
> > > >   htaprs@tapr.org, kenwood@qth.net
> > > >Subject: [htaprs] Re: TH-D7A Firmware Upgrade Release-U.S.Only
> > > >
> > > >Kenwood <cuyeda@ix.netcom.com> wrote:
> > > >
> > > >>Kenwood has released Service Bulletin ASB-1063
> > > >
> > > >In this bulletin (REV1), it states:
> > > >
> > > >>In GPS mode, recognize latitude and longitude to the
> > > "ten-thousandths"
> > > >> of a decimal place (4-digit precision). Currently it reads to the
> > > >> "hundredth" position.
> > > >
> > > >Is this imprecise wording or is it the case that greater than 4-digit
> > > >precision will still not work? In a previous posting to this list I
> > > >pointed out that the Ashtech GG-Surveyor (www.ashtech.com) is an
> > > >example of a GPS that generates positions to 6-digit precision. Will
> > > >this fix to the GPS parser accept greater than 4-digit precision and
> > > >round/truncate as needed or will it fail to parse?
> > > >
> > > >Also, what is the drop-dead date on my choosing to take advantage of
> > > >this fix to my unit after which it will no longer be covered as a
> > > >warranty repair? I am considering holding out for a potential future
> > > >microcode upgrade (if any) and/or expansion of the upgrade program to
> > > >other than the west coast facility.
> > > >
> > > >Thanks.
> > > >

> > > >Alan Crosswell, N2YGK
> > > >s/n 800101
> > > >
> > > >
> > > >
> > > >
> > > >

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120. [htaprs] Th-D7a and speed Knots/MPH

From: Robert Winingham <kc5ejk@onramp.net>
Date: Wed, 24 Mar 1999 00:12:01 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: aprssig@lists.tapr.org
Message-ID: <LYR845-12250-1999.03.24-00.14.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mac APRS and possible WIN APRS seem to be displaying the
Th-D7a speed data in Knots and not MPH.

I keep the car at 66 to 70 MPH while watching
the Garmin III+ GPS unit. The beacon rate was 30 sec.
There are the raw packets from part of the log

KC5EJK-7>RELAY>K5KJ*>SR4V3X:`|9k!hm>/>TESTING
KC5EJK-7>RELAY>K5KJ*>SR4V5T:`|:R!rm>/>TESTING
KC5EJK-7>RELAY>K5KJ*>SR4V6Y:`|;9!rm>/>TESTING
KC5EJK-7>RELAY>K5KJ*>SR4W0U:`|=V!rh>/>TESTING
KC5EJK-7>RELAY>K5KJ*>SR4W3Q:`|?$!hm>/>TESTING
KC5EJK-7>RELAY>K5KJ*>SR4W4S:`|?o!hm>/>TESTING

Mac APRS 3.2.6 is showing about 57 MPH for the above packets.

Someone want to test the above data with another APRS program
or decode this Mic-e format and see if the mic-e data
was recorder correctly.

I checked and download the latest information from the
WWW.TAPR.ORG site.

The mic-e.manual.pdf on TAPR web site said:

Bearing in degrees
Velocity in MPH

I Then clicked on the link for
the APRS® Mic-Encoder Message Formats link:

Contributed by Alan Crosswell, N2YGK. (June 1997)
Updated by Ron Parsons, W5RKN (December 1998)

It Said:

Bearing in degrees;
Velocity in knots;

Looks like we need to update the mic-e.manual.pdf manual and tell
Mark and Keith.

Note:
To slow down the playback rate of log files with MacAPRS I set the alarm for the station
I am tracking. This way I get a system beep for each packet and the system
will pause a second between packets.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

121. [htaprs] Re: TH-D7A APRS Question

From: Phillip Clark <pbclark1@ibm.net>
Date: Tue, 23 Mar 1999 22:42:25 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-12267-1999.03.24-00.44.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can someone explain to me what "Mic Enc" means? Does this mean that the D7A
can also send a packet of data (such as location) to a repeater when the PTT is
activated while using voice? What is the best "up-to-date" reference for all
of this APRS, packet, and digital capability? Thanks to any and all who care
to respond.
                                                                    Phil KD6SP

George Minich wrote:

>   I might be missing something but here goes. When tracking mobile
> stations, does APRS perform speed calculations or are the speed references
> sent from the mobile station based on GPS output? Reason: I tested my D7A
> on the road and once I arrived home, I did not see a "speed" field in my
> mobile station's data listing. I did notice that my station was a "MIC
> ENC" type of station. Am I doing something wrong here or have I missed the
> boat on this one?
>
>   There has been no mobile stations in my area lately so I did not have the
> chance to decipher any mobile APRS data packets to look for a speed
> component.
>
>   Thanks
>
>   George Minich
>   VA3GAM
>
> ---
> You are currently subscribed to htaprs as: pbclark1@ibm.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

122. [htaprs] Re: TH-D7A APRS Question

From: Walter Dunckel <wdunckel@best.com>
Date: Wed, 24 Mar 1999 03:25:55 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-12270-1999.03.24-05.30.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Phillip Clark wrote:
>
> Can someone explain to me what "Mic Enc" means? Does this mean that the D7A
> can also send a packet of data (such as location) to a repeater when the PTT is
> activated while using voice? What is the best "up-to-date" reference for all
> of this APRS, packet, and digital capability? Thanks to any and all who care
> to respond.
>   Phil KD6SP

The manual is a great place to start. Page 74 describes this pretty
well.
Walter

--
http://www.best.com/~wdunckel/thd7.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

123. [htaprs] Re: D7 lockups etc

From: "Tim Russell" <timruss@home.com>
Date: Tue, 23 Mar 1999 23:04:12 -0700

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12290-1999.03.24-08.42.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For what it's worth, I'm in Denver for a couple of weeks doing computer work
and took the afternoon off to drive to the mountains. (An aside, the
mountain road above Georgetown is way cool! Got to 12,500 feet!)

Anyway, I ran my GPSIII and TH-D7 (old firmware) with the filtered power
cable from the cigarette lighter of my rental car for well over two hours
(closer to 3) and had no problems with lockups at all. Then again, I've
always been lucky with technology, which is a good thing since I'm a nerd
and have so much of it :-)

Does anyone know what the deal is with map.aprs.net? I've been getting
"unrecognizable response" replies trying to look up callsigns for well over
a week now - very frustrating! Did the map provider finally shut them down?

Tim, N0ZHY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

124. [htaprs] Re: D7 lockups etc

From: Steve Dimse K4HG <k4hg@tapr.org>
Date: Wed, 24 Mar 1999 09:47:28 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12292-1999.03.24-08.51.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 3/24/99 1:04 AM Tim Russell (timruss@home.com) wrote:

>Does anyone know what the deal is with map.aprs.net? I've been getting
>"unrecognizable response" replies trying to look up callsigns for well over
>a week now - very frustrating! Did the map provider finally shut them down?
>
>Tim, N0ZHY
>
The system is working fine. Are you sure your tracker is making it to the
internet? I don't see anything with your callsign now...

Steve K4HG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

125. [htaprs] THD7a Programming?

From: "Maxwell C. Lee" <n4nwd@bellsouth.net>
Date: Wed, 24 Mar 1999 10:46:31 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12304-1999.03.24-09.52.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a cable to go from my D7 to DB9.

I can hook it up and start up WinAPRS and it appears to work O.K.

When I try to use the Kenwood Software to Read/Write Memory Data
I start pulling my hair out (I'm running out of hair).

I have tried it with TNC off / open for APRS / open for Packet.

Would someone that has got this to work please advise.

Thanks,

(((((: Mad Max :)))))
n4nwd@bellsouth.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

126. [htaprs] Re: THD7a Programming?

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Wed, 24 Mar 1999 14:52:49 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-12362-1999.03.24-16.55.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Max.
I have had excellent results with my home built cable and the beta MCP s/w
from Kenwood.
  1) Make sure your cable is wired correctly. its easy to get pin 2 and
3 swapped. Here is the pinouts.
               DB9   stereo plug
               pin 5   shield
               pin 3   ring
               pin 2   tip
  2) Plug in stereo plug in PC port of D7
  3) Plug in DB2 to Com 1: or Com 2: or PC (Mouse may be on Com1:)
      Current MCP does not support other Coms (1 and 2 only)
  4) Turn on Radio, Do not turn on TNC for APRS or Packet (leave TNC off)
      I set my radio to VHF simplex and UHF simplex (or VFO modes) to
avoid radio activity.
  5) Start the MCP program, Select Menu Item Radio, Com x (select the
correct com port)
  6) Select Menu Item Radio, Read
        The errors may be Radio xxx invalid or Timeout.
      But!.. it should work.
If you get a specific error, let me know. I might be able to help.

I have had some problems while repeaters are active on the radio.

Glenn   KG7IL
Renton, Wa
http://kg7il.foxinternet.net

"Maxwell C. Lee" wrote:

> I have a cable to go from my D7 to DB9.
>
> I can hook it up and start up WinAPRS and it appears to work O.K.
>
> When I try to use the Kenwood Software to Read/Write Memory Data
> I start pulling my hair out (I'm running out of hair).
>
> I have tried it with TNC off / open for APRS / open for Packet.
>
> Would someone that has got this to work please advise.
>
> Thanks,
>
> (((((: Mad Max :)))))
> n4nwd@bellsouth.net
>
> ---
> You are currently subscribed to htaprs as: kg7il@foxinternet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

127. [htaprs] D7 Beta Control Software / Looping problem with wall charger

From: "Paul DeCicco" <pdecicco@hughes.net>
Date: Wed, 24 Mar 1999 18:37:44
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12375-1999.03.24-18.40.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

1) I built a cable for D7 --> 9pin to connect with my PC. Running the
Kenwood configuration software I get a "communications timeout" message.
The cable seems to be ok electrically. I have tried changing the baud rate
on my port without luck. Any ideas?

2) If I am running with the wall charger plugged in (Kenwood says that it
is NOT a power supply), with HI X-MIT, TNC open and beacon on, the D7 loops

"Openning TNC" and the PowerUP screen. Kenwoods fix is to not use the wall
chargers. OK. But why is this happening? It seems to be a function of
trying to transmit while 13.7 volts are applied but beyond that ?????

73,
KF6VIE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] Re: D7 Beta Control Software / Looping problem with wall charger

From: "George Minich" <gminich@toshiba.ca>
Date: Wed, 24 Mar 1999 18:51:14
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12379-1999.03.24-18.53.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The wall charger supplies 13.5 volts at 70 mA. As soon as there is
current draw over 70mA, as with a transmit, the supply voltage drops off
big-time. The drop in voltage causes the radio to reset itself. The same
thing will happen with a weak battery.

       George Minich

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

129. [htaprs] Display Speed with different APRS versions

From: Robert Winingham <kc5ejk@onramp.net>
Date: Thu, 25 Mar 1999 00:51:46 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-12426-1999.03.25-00.54.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is the displayed speed using the same test data and the
MacAPRS and APRS+sa software versions. I would guess Win-APRS
will show same as MacAPRS.

Garmin III+ GPS connected direct to TH-D7a and driving at 65-68 MPH

```
                                              APRS+SA    Mac APRS
                                              SPD TRK    SPD TRK
KC5EJK-7>RELAY>K5KJ*>SR4V3X:`|9k!hm>/>TESTING    66 281    57 281
KC5EJK-7>RELAY>K5KJ*>SR4V5T:`|:R!rm>/>TESTING    67 281    58 281
KC5EJK-7>RELAY>K5KJ*>SR4V6Y:`|;9!rm>/>TESTING    67 276    58 276
KC5EJK-7>RELAY>K5KJ*>SR4W0U:`|=V!rh>/>TESTING    67 281    58 281
KC5EJK-7>RELAY>K5KJ*>SR4W3Q:`|?$!hm>/>TESTING    66 281    58 281
KC5EJK-7>RELAY>K5KJ*>SR4W4S:`|?o!hm>/>TESTING    66 281    57 281
```

I even simulated a Mic-e packet from a different TNC/radio/computer
and sent the data to the TH-D7a.

I set my home TNC UNP parameter to SR4W4S and did a xmit of the
`|?o!hm data. The D7a showed a correct lon/lat and cse 281 s066m
the TESTING message and status of Enroute.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] Powering D7/ Reboot swith 7amp ext power supply on high xmit

From: "Paul DeCicco" <pdecicco@hughes.net>
Date: Fri, 26 Mar 1999 12:36:52
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12581-1999.03.26-12.39.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am still having problems with my D7 rebooting on high transmit. I am
using a 12v (13.8 measured) regulated power supply rated at 4-7 amps and
have the same problem using a 7amp hour 12v battery pack. The unit works on
high x-mit in the car running off the battery. It also works off Kenwood
ni-cad. The problem occurs regardless of whether or not the Kenwood battery
is attached to the radio. Any explaination/fix for this problem? Has anyone
used an external ps with the D7? If so which one?
Thanks,

Paul

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] Re: Powering D7/ Reboot swith 7amp ext power supply on high xmit

From: bobj <bobj@mediaone.net>
Date: Fri, 26 Mar 1999 13:55:19 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-12585-1999.03.26-13.02.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi..

My 2 cents worth on what may seem obvious..

  I've used it plugged into the car, Power supply in the shack and a 12V gel
cell but all using the regulated cigarette lighter adapter. The only thing that
comes to mind is perhaps some form of bad connection; wrong DC plug used with
the radio (some have different diameter center pins or are different lengths
although they seem to fit), or a longish length of thin wire... i.e.. anything
that could cause a voltage drop, or open, when an amp or so of current is
suddenly drawn..

   Just some things that might have been easily overlooked.. hope its of use..

DE k1kas

Paul DeCicco wrote:

> I am still having problems with my D7 rebooting on high transmit. I am
> using a 12v (13.8 measured) regulated power supply rated at 4-7 amps and
> have the same problem using a 7amp hour 12v battery pack. The unit works on
> high x-mit in the car running off the battery. It also works off Kenwood
> ni-cad. The problem occurs regardless of whether or not the Kenwood battery
> is attached to the radio. Any explaination/fix for this problem? Has anyone
> used an external ps with the D7? If so which one?
> Thanks,
>
> Paul
>
> ---
> You are currently subscribed to htaprs as: BOBJ@MEDIAONE.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

132. [htaprs] 1750 hz Tone?

From: Rosenberg.Eric@Orbcomm.COM
Date: Fri, 26 Mar 1999 15:42:11 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12599-1999.03.26-14.46.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can someone confirm that the 1750 Hz tone burst capability is *not*
included in the US version of the D-7?

I travel overseas a lot and it is a must to operate 2m repeaters.

Thanks,

Eric W3DQ/M0BMI
rosenberg.eric@orbcomm.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] Fw: [aprssig] Re: 1750 hz Tone?

From: "bob" <w2g3zfj@unix.asb.com>
Date: Fri, 26 Mar 1999 16:24:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12603-1999.03.26-15.28.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oops, posted to wrong list!!
-----Original Message-----
From: bob <w2g3zfj@UNIX.ASB.COM>
To: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
Cc: aprssig <aprssig@tapr.org>
Date: Friday, 26 March, 1999 16:12
Subject: [aprssig] Re: [htaprs] 1750 hz Tone?

>I can confirm that the 1750Hz repeater access tone is not in the D7A. As a
>fellow traveller this is a perennial gripe with Kenwood. Virtually all of
>their HT's require a microcontroller/eprom swap in order to use a tone
>access. Whereas with Yaesu and Icom (usually) its just a simple mod or a
>keyboard press option. This seems to be Kenwood policy to preserve the
>higher European prices for their products.
>
>For myself, I take the Yaesu FT50 with me on trips to the UK and I have a
>hidden set of memories with R0-R7, S20-S22 in it, for use at 'home'. I also
>took the D7A last time but as I only used it for APRS it wasn't an issue.
>
>73 de bob w2/g3zfj
>
>
>-----Original Message-----
>From: Rosenberg.Eric@Orbcomm.COM <Rosenberg.Eric@Orbcomm.COM>
>To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
>Date: Friday, 26 March, 1999 15:51
>Subject: [htaprs] 1750 hz Tone?
>
>
>>Can someone confirm that the 1750 Hz tone burst capability is *not*
>>included in the US version of the D-7?
>>
>>I travel overseas a lot and it is a must to operate 2m repeaters.
>>
>>Thanks,
>>
>>Eric W3DQ/M0BMI
>>rosenberg.eric@orbcomm.com
>>
>>
>>
>>---
>>You are currently subscribed to htaprs as: W2G3ZFJ@UNIX.ASB.COM
>>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>>
>>
>
>
>---
>You are currently subscribed to aprssig as: W2G3ZFJ@UNIX.ASB.COM
>To unsubscribe send a blank email to leave-aprssig-1669W@lists.tapr.org
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] Re: Powering D7/ Reboot swith 7amp ext power supply on high xmit

From: "Hughes.Net" <pdecicco@pmdlaw.com>
Date: Fri, 26 Mar 1999 18:22:40 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12620-1999.03.26-20.26.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: bobj <bobj@mediaone.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Friday, March 26, 1999 11:00 AM
Subject: [htaprs] Re: Powering D7/ Reboot swith 7amp ext power supply on high xmit

>Hi..
>
>My 2 cents worth on what may seem obvious..
>
> I've used it plugged into the car, Power supply in the shack and a 12V gel
>cell but all using the regulated cigarette lighter adapter. The only thing that
>comes to mind is perhaps some form of bad connection; wrong DC plug used with
>the radio (some have different diameter center pins or are different lengths
>although they seem to fit), or a longish length of thin wire... i.e.. anything
>that could cause a voltage drop, or open, when an amp or so of current is
>suddenly drawn..
>
>   Just some things that might have been easily overlooked.. hope its of use..
>
>DE k1kas
>
>Paul DeCicco wrote:
>
>> I am still having problems with my D7 rebooting on high transmit. I am
>> using a 12v (13.8 measured) regulated power supply rated at 4-7 amps and
>> have the same problem using a 7amp hour 12v battery pack. The unit works on
>> high x-mit in the car running off the battery. It also works off Kenwood
>> ni-cad. The problem occurs regardless of whether or not the Kenwood battery
>> is attached to the radio. Any explaination/fix for this problem? Has anyone
>> used an external ps with the D7? If so which one?
>> Thanks,
>>
>> Paul
>>
>> ---
>> You are currently subscribed to htaprs as: BOBJ@MEDIAONE.NET
>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>---
>You are currently subscribed to htaprs as: pdecicco@hughes.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] Printed lat-lon maps for airports

From: "Harry Burford" <hburford@airmail.net>
Date: Sat, 27 Mar 1999 08:10:44 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12673-1999.03.27-08.13.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Some time ago, there was discussion here regarding small printed maps showing lat-lon for airports. This was so travelers with the D7 could simply key in their locations while traveling without using a GPS. This

kind of information is in the aviation US Terminal Procedures (approach
plates) produced for various regions of the country and contains that kind
of information for every airport that has an instrument approach. These are
issued every 56 days and the old one are of no use for actual navigation.
Sometimes a pilot shop might let you have an old one at a greatly reduced
price. Sometimes an instrument rated pilot will GIVE old copies away.
Chances are slim that an airport will slip its location very much unless the
new version fixed a misprint.

You can find these books at pilot shops at airports or they can be had by
mail order. They are 8.25X5.5 inch books. Some of the larger airports and
definitely the majors have full page drawings showing the airport layout as
well as a lat-lon grid. As a bonus, all the communication frequencies are
included.

TRIVIA:
At DFW airport, the taxi ways are labeled by letter. They start at A or
'alpha' on the south and continue. You would think that Z or 'zulu' would
be the last one, but that isn't the case. It is actually Y. The reason,
I've been told, is that this Texas airport wanted to make sure the 'yankees'
were kept as far north as possible.

Harry, KAØTTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] Re: Printed lat-lon maps for airports

From: Tom Clarke <fclarke@erols.com>
Date: Sat, 27 Mar 1999 23:31:30 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-12756-1999.03.27-22.35.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Harry Burford wrote:
>
> Some time ago, there was discussion here regarding small printed maps
> showing lat-lon for airports. This was so travelers with the D7 could
> simply key in their locations while traveling without using a GPS. This
> kind of information is in the aviation US Terminal Procedures (approach
> plates) produced for various regions of the country and contains that kind
> of information for every airport that has an instrument approach.

There are 12 volumes of approach plates (about 1/2 inch thick), perhaps
the IFR Supplement would be more convenient? Although the airport
diagrams in the approach plates would give you better L/L info, I
suppose. Good call either way!

73 de Tom/W4OKW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] Re: Printed lat-lon maps for airports

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 28 Mar 1999 09:51:18 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-12804-1999.03.28-08.54.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > Some time ago, there was discussion here regarding small printed maps
> > showing lat-lon for airports. This was so travelers with the D7 could
> > simply key in their locations while traveling without using a GPS.
>
> There are 12 volumes of approach plates (about 1/2 inch thick), perhaps

OOPS. Missing the original point. The point was to have say 6 thin
plastic credit card size maps of the USA with a LAT/LONG grid so one can
guess his LAT/LONG, and maybe a list of a few of the major HUB airports.
Now that all the major versions of APRS support position ambiguity, the
traveler can just enter in his approximate posit so that at least for the
purposes of MESSAGING, the recepient can see what city the traveler is in.

In this application, LAT/LONG to only DDMM/DDDMMM is just fine.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] Re: Printed lat-lon maps for airports

From: "Harry Burford" <hburford@airmail.net>
Date: Sun, 28 Mar 1999 09:32:12 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12809-1999.03.28-09.35.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, kind of off target. With, lets say, 3 credit card sized maps laminated with a front and back surface giving a segmented US map in 6 parts, you would be hard pressed to interpolate a location to much more than a large city. I guess you were thinking 6 cards giving 12 surfaces . With the Instrument charts, you can fold a few up and slide them into the radio case for reference while traveling. You can almost approximate the terminal and the gate location with them at a connecting airport for example. No help when you leave an airport, however.

I've seen maps of the US with grid squares shown. I'm sure an electronic version is around somewhere that can be sliced up in to 6 parts then laminated. Knowing your approx. grid square, you can use the tables in a document located at http://www.arrl.org/files/contests/ln9404.pdf to determine a lat/lon. The D7 would then validate your lat/lon entry by displaying the grid square you selected. That will get a position to within 2 miles or so.

My choice is to use the palm pilot. It is always with me, can be connected to the radio, and can even display maps from applications like SA.

Harry, KAØTTY

> -----Original Message-----
> From: bounce-htaprs-3735@lists.tapr.org
> [mailto:bounce-htaprs-3735@lists.tapr.org]On Behalf Of Bob Bruninga
> Sent: Sunday, March 28, 1999 8:51 AM
> To: TAPR HT APRS Special Interest Group
> Cc: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: Printed lat-lon maps for airports
>
>
> > > Some time ago, there was discussion here regarding small printed maps
> > > showing lat-lon for airports. This was so travelers with the D7 could
> > > simply key in their locations while traveling without using a GPS.
> >
> > There are 12 volumes of approach plates (about 1/2 inch thick), perhaps
>
> OOPS. Missing the original point. The point was to have say 6 thin
> plastic credit card size maps of the USA with a LAT/LONG grid so one can
> guess his LAT/LONG, and maybe a list of a few of the major HUB airports.
> Now that all the major versions of APRS support position ambiguity, the
> traveler can just enter in his approximate posit so that at least for the
> purposes of MESSAGING, the recepient can see what city the traveler is in.
>
> In this application, LAT/LONG to only DDMM/DDDMMM is just fine.
>
>
>
> ---
> You are currently subscribed to htaprs as: HBURFORD@AIRMAIL.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Re: Printed lat-lon maps for airports

From: Kevin Kelly <kkelly@radix.net>
Date: Sun, 28 Mar 1999 10:37:47 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-12810-1999.03.28-09.40.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That would be my choice as well. Good suggestion.

> My choice is to use the palm pilot. It is always with me, can be connected
> to the radio, and can even display maps from applications like SA.
>
> Harry, KAØTTY

--
73,
Kevin Kelly/N6QAB
http://www.qsl.net/n6qab

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] Re: Printed lat-lon maps for airports

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 28 Mar 1999 11:12:12 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-12818-1999.03.28-10.15.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Yes, kind of off target. With... 3 credit card sized maps laminated...
> front and back... giving a segmented US map in 6 parts, you would be
> hard pressed to interpolate a location to much more than a large city.

That was the only original objective. With APRServe now making worldwide
communications possible from a shirt pocket HT that can be anywhere in the
world, it is nice just to know what city a traveler is in when he sends a
few messages that are seen worldwide... (Without requiring him to take
along a GPS that would not work inside an airport terminal anyway).

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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141. [htaprs] Re: Fw: [aprssig] Re: 1750 hz Tone?

From: Walter Dunckel <wdunckel@best.com>
Date: Sun, 28 Mar 1999 13:15:55 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-12869-1999.03.28-15.21.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Peter from africa asks the following question:

>Please could anyone help by supplying me with info on how to turn a TH-D7E into a TH-D7A as I have a E
but >would like a A as I have a TM-V7A and wish to use the remote function to their full potential.

>I have read that it is possible.

>73 '

>Peter ZR5DWC
>zr5dwc@iafrica.com

I was wondering if anyone could answer his question. Since only the D7a
has the remote function capability, he is wondering how he can change
his D7e to a D7a. I suspect there are some major eprom/microprocessor
differences between the radios, but I am not positive about that.

Thanks for any help you can offer him.

Walter

http://www.best.com/~wdunckel/thd7.html
[Attachment: wdunckel.vcf; text/x-vcard; 123 bytes]

142. [htaprs] PC Cable

From: "Paul DeCicco" <pdecicco@hughes.net>
Date: Sun, 28 Mar 1999 15:54:32
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-12872-1999.03.28-15.57.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings:

I have discoverd that the data cable for my Yashica KC-100 digital camera
works quite nicely with the D7. You can probably get one from Yashica
without much trouble by visiting their website or calling them on the
tollfree in NJ.

de KF6VIE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] D7 Resetting

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Mon, 29 Mar 1999 12:38:39 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13011-1999.03.29-13.42.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Subject: Powering D7/ Reboot swith 7amp ext power supply on high xmit
From: "Paul DeCicco" <pdecicco@hughes.net>
Date: Fri, 26 Mar 1999 12:36:52

> I am still having problems with my D7 rebooting on high transmit. I am
> using a 12v (13.8 measured) regulated power supply rated at 4-7 amps and
> have the same problem using a 7amp hour 12v battery pack. The unit works on
> high x-mit in the car running off the battery. It also works off Kenwood
> ni-cad. The problem occurs regardless of whether or not the Kenwood battery
> is attached to the radio. Any explaination/fix for this problem? Has anyone
> used an external ps with the D7? If so which one?
> Thanks,

> Paul

Try putting several wraps of your power lead through a split ferrite (Radio Shack has
them) right at the input to the radio. You may be getting RF coming in on the power
lead.

This has been the cure for a few cases of high TX power feedback for me in mobile installations.

I even had to use ferrites on audio output connections, when I played my transceiver audio
through my car cassette sound system. I don't know if you are using a rooftop mag mount or
the rubber duck, but a rooftop antenna will be less of a problem. You can also try 8 loops of your
feed line right at the mag mount, to stop RF on the coax shield. This will keep the car interior
from being hot with RF.

In the manual for Radio Shack's HTX-202 2M transceiver, they specifically warn against
using the rubber duck at high power when connected to external 13.8V, for reason of RF
coming in on the power lead. It causes the XCVR to lock up. My Yaesu FT-8100R would
get a stuck Mic when I had RF feedback problems.

73,
Tony Arnerich KD7CEJ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] Case for D7? Available in April

From: Kenwood <cuyeda@ix.netcom.com>
Date: Mon, 29 Mar 1999 11:58:10 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13016-1999.03.29-14.06.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI
TH-D7A Softcase Availability

Softcases will be available to the dealers at the end of the month. Colors
will be in both Black (SC-47B) and Orange (SC-47OR).

Please check with your local Kenwood Authorized Dealers for pricing.

Kenwood Communications Corporation
Long Beach, CA

At 04:24 PM 3/23/99 -0500, Rob Wittner wrote:
>
>Hi, all.
>
>Any updated information on the matching case for the D7 from Kenwood? (I am
>in need of two, perhaps three of them.) I'm currently using the "Pouch"
>neoprene case, which works just fine, but it would be nice to be able to
>operate the radio while inside a protective case...
>
>Anyway, Kenwood, if you're listening, any news?
>
>73
>
>   -Rob
>   KZ5RW
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] Save settings on D7A?

From: "George Minich" <gminich@toshiba.ca>
Date: Tue, 30 Mar 1999 8:3:22
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13135-1999.03.30-08.06.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a way to save the current TNC settings on a D7A so that they
re-establish themselves on the next power-up? I did not spot a command to
store current settings.

     Thanks

      George Minich
      VA3GAM

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] Re: Save settings on D7A?

From: Karl Salisbury <cruz@magicnet.net>
Date: Tue, 30 Mar 1999 09:13:30 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-13142-1999.03.30-08.16.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Which settings are not being saved? Your situation does not appear to be
the norm as all my settings are saved.

Karl
KG4BNA

On Tue, 30 Mar 1999, George Minich wrote:

> Date: Tue, 30 Mar 1999 8:3:22
> From: George Minich <gminich@toshiba.ca>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Subject: [htaprs] Save settings on D7A?
>
>   Is there a way to save the current TNC settings on a D7A so that they
> re-establish themselves on the next power-up? I did not spot a command to
> store current settings.
>
>
>   Thanks
>

>   George Minich
>   VA3GAM
>
>
> ---
> You are currently subscribed to htaprs as: cruz@magicnet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] RE: Save settings on D7A?

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Tue, 30 Mar 1999 16:14:54 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13143-1999.03.30-08.18.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op dinsdag 30 maart 1999 10:03, heeft George Minich
[SMTP:gminich@toshiba.ca] geschreven:
>   Is there a way to save the current TNC settings on a D7A so that they
> re-establish themselves on the next power-up? I did not spot a command to

> store current settings.
>
>
>   Thanks
>
>   George Minich
>   VA3GAM
>
>
Hi,

I don't think there is a way to save tnc setting other than to put them in a
tnc.ini file or what ever youre packetprogram calls it and send it to the
thd7 when needed.

If youre using a terminal program you'll have to put them in a file and
upload that file in ascii mode to the thd7

A settings save option would be nice if youre using a handheld computer but
alas.

73 the Andre PE1RDW

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] Re[2]: Save settings on D7A?

From: george_minich@toshiba.ca
Date: Tue, 30 Mar 99 10:19:25 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-13152-1999.03.30-09.27.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just an update:

        I just noticed that with every radio-reset, the message "bbRAM
     loaded with defaults" is sent from the radio to my terminal. It looks
     like default settings are being loaded every time the TNC fires up.

         Thanks

          George Minich

_____ Reply Separator _____
Subject: Re: [htaprs] Save settings on D7A?
Author: Karl Salisbury <cruz@magicnet.net> at internet
Date: 3/30/99 9:13 AM

Which settings are not being saved? Your situation does not appear to be
the norm as all my settings are saved.

Karl
KG4BNA

On Tue, 30 Mar 1999, George Minich wrote:

> Date: Tue, 30 Mar 1999 8:3:22
> From: George Minich <gminich@toshiba.ca>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Subject: [htaprs] Save settings on D7A?
>
>   Is there a way to save the current TNC settings on a D7A so that they
> re-establish themselves on the next power-up? I did not spot a command to
> store current settings.
>
>
>   Thanks
>
>   George Minich
>   VA3GAM
>
>
> ---
> You are currently subscribed to htaprs as: cruz@magicnet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] TH-D7 KENWOOD APRS

From: " KVWB-KFBT ENGINEERING DEPARTMENT" <kd8s@skylink.net>
Date: Tue, 30 Mar 1999 07:32:05 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13153-1999.03.30-09.32.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

just wondering if anyone else has noticed that sometimes, when you open the
APRs mode it opens up , in about 3 seconds or so and all is fine. then
lately its been taking about 3 minutes, and before that time gets past, try
to turn off the tnc and go back to the problem of no keyboard control. so
the front panel locks up, and the only way to get control is removal of the
battery pack.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] RE: Save settings on D7A?

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Tue, 30 Mar 99 10:41:30 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13154-1999.03.30-09.44.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>If youre using a terminal program you'll have to put them in a file and

What if my terminal is a truly dumb terminal? Like a printer? See
this review I wrote for our club newsletter:

http://www.weca.org/wecagram/9903/wecagram.html#A Review: The Kenwood

73 de Alan N2YGK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] Re: Save settings on D7A?

From: Alan Crosswell <alan@watsun.cc.columbia.edu>
Date: Tue, 30 Mar 99 10:40:16 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>,
TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-13155-1999.03.30-09.46.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Which settings are not being saved? Your situation does not appear to be
>the norm as all my settings are saved.

You are mistaken Karl. All TNC settings are reset to factory default.
MYCALL gets explicitly stuffed in at power-up of the TNC. This is TNC
mode, not APRS mode we are talking about.
/a

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] Re: Re[2]: Save settings on D7A?

From: "Bruce Elliott" <belliot@tcjc.cc.tx.us>
Date: Tue, 30 Mar 1999 12:50:14 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "APRS Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13194-1999.03.30-12.54.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

True, they are set to the defaults initially, but then are updated to the
info in the radio.
Bruce
KC5KYJ

-----Original Message-----
From: george_minich@toshiba.ca <george_minich@toshiba.ca>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: htaprs@lists.taporg r.<htaprs@lists.tapr.org>
Date: Tuesday, March 30, 1999 9:24 AM
Subject: [htaprs] Re[2]: Save settings on D7A?

>
> Just an update:
>
> I just noticed that with every radio-reset, the message "bbRAM
> loaded with defaults" is sent from the radio to my terminal. It looks
> like default settings are being loaded every time the TNC fires up.
>
>
> Thanks
>
> George Minich
>
>
>
>_____ Reply Separator
_____
>Subject: Re: [htaprs] Save settings on D7A?
>Author: Karl Salisbury <cruz@magicnet.net> at internet
>Date: 3/30/99 9:13 AM
>
>
>Which settings are not being saved? Your situation does not appear to be
>the norm as all my settings are saved.
>
>Karl
>KG4BNA
>
>On Tue, 30 Mar 1999, George Minich wrote:
>
>> Date: Tue, 30 Mar 1999 8:3:22
>> From: George Minich <gminich@toshiba.ca>
>> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
>> Subject: [htaprs] Save settings on D7A?
>>
>> Is there a way to save the current TNC settings on a D7A so that they
>> re-establish themselves on the next power-up? I did not spot a command
to

>> store current settings.
>>
>>
>>   Thanks
>>
>>   George Minich
>>   VA3GAM
>>
>>
>> ---
>> You are currently subscribed to htaprs as: cruz@magicnet.net
>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>>
>
>
>
>
>
>---
>You are currently subscribed to htaprs as: BELLIOT@TCJC.CC.TX.US
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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April 1999

Original source file: htaprs.9904
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9904

1. [htaprs] D7 Lockups

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Thu, 1 Apr 1999 21:37:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13559-1999.04.01-20.43.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Evening All..

Ok.. I have some proof of a D7 lockup this evening. Both Paul KR4YL and myself
had our d7's on this afternoon, and this station was causing our D7s to lock up
tight (down to the point of pulling the battery off to reset!) Every time
Dave's tracker transmitted, it would lock the D7... Any ideas.. Maybe Kenwood
can take a look! Is there anything wrong with the NMEA data?

If someone needs this in text format .. Let me know. I'll attach the file.

73,
Chris N4BSA

KA4EBX-9>APRS,RELAY:$GPGGA,210833,2753.597,N,08247.317,W,1,5,001.6,31,M,-029
,M,,*49
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,211034,2753.597,N,08247.317,W,1,6,001.1,31,M,-029
,M,,*43
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,211233,2753.597,N,08247.317,W,1,6,001.1,31,M,-029
,M,,*46
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,211434,2753.597,N,08247.317,W,1,6,001.1,31,M,-029
,M,,*47
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,211634,2753.597,N,08247.317,W,1,6,001.1,31,M,-029
,M,,*45
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,211835,2753.597,N,08247.317,W,1,6,001.2,31,M,-029
,M,,*49
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,212035,2753.597,N,08247.317,W,1,6,001.2,30,M,-029
,M,,*43
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,212235,2753.597,N,08247.317,W,1,6,001.2,30,M,-029
,M,,*41
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,212436,2753.597,N,08247.317,W,1,6,001.2,30,M,-029
,M,,*44
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,212634,2753.597,N,08247.318,W,1,6,001.2,30,M,-029
,M,,*4B
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,212837,2753.597,N,08247.317,W,1,6,001.2,30,M,-029
,M,,*49
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,213437,2753.597,N,08247.317,W,1,6,001.3,31,M,-029
,M,,*44
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,213639,2753.597,N,08247.317,W,1,6,001.3,31,M,-029
,M,,*48
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,213838,2753.597,N,08247.317,W,1,6,001.3,31,M,-029
,M,,*47
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,214039,2753.597,N,08247.317,W,1,6,001.3,31,M,-029
,M,,*49
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,214239,2753.597,N,08247.317,W,1,6,001.4,30,M,-029
,M,,*4D
KA4EBX-9>APRS,KR4YL-10*:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,214439,2753.597,N,08247.317,W,1,6,001.4,30,M,-029
,M,,*4B

```
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,KR4YL-10*:$GPGGA,214439,2753.597,N,08247.317,W,1,6,001.4,30,M,
-029,M,,*4B
KA4EBX-9>APRS,RELAY:$GPGGA,214639,2753.597,N,08247.317,W,1,6,001.4,30,M,-029
,M,,*49
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,214809,2753.597,N,08247.317,W,1,3,001.4,,M,-029,M
,,*42
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,KR4YL-10*:$GPGGA,215211,2752.887,N,08247.730,W,1,6,001.4,-43,M
,-029,M,,*63
KA4EBX-9>APRS,RELAY:$GPGGA,215211,2752.887,N,08247.730,W,1,6,001.4,-43,M,-02
9,M,,*63
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,KF4IEQ*:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,215809,2750.141,N,08247.718,W,1,6,001.5,92,M,-029
,M,,*4B
KA4EBX-9>APRS,K2SEC*:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,220012,2749.953,N,08247.897,W,1,6,001.5,91,M,-029
,M,,*47
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6
KA4EBX-9>APRS,RELAY:$GPGGA,220212,2749.953,N,08247.898,W,1,6,001.5,87,M,-029
,M,,*4D
KA4EBX-9>APRS,RELAY:$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6


---
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```

2. [htaprs] th-d7

```
From: "theodor Ausserer" <theodor.ausserer@dnet.it>
Date: Fri, 2 Apr 1999 08:00:02 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13581-1999.04.02-00.05.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
subscribe htaprs
```

3. [htaprs] aprs and qso

```
From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Fri, 02 Apr 1999 12:11:09 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13590-1999.04.02-04.14.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
> Hi
>
> I don't know if somebody has discoverd this, but if you don't want to be
> trown of the air because of the aprs beacon i recomend changing the tx
> mode
> from auto to ptt.
> In this mode the thd7 waits with transmitting the beacon till after you
> release the ptt even if youre qso is on the other band than the data band.
> Ofcourse you have to remember to put it back to auto after the qso or you
> won't transmit any beacons at all.
>
> 73 de Andre PE1RDW

---
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```

4. [htaprs] Re: [aprssig] RE: D7 Lockups

```
From: "Demos Doulou" <sdoulou1@tampabay.rr.com>
Date: Fri, 2 Apr 1999 08:35:13 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>
Message-ID: <LYR845-13602-1999.04.02-07.38.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
He is using a pico with built in gps.  During the time that Chris and Paul
were experecning the lockups, I was watching ka4ebx's position switch
between his home and work locations. For some reason the pico was sending
out two beacons, one his actual position and one from his home location.  He
did mention to me that for some reason the pico lost and changed alot of its
parameters.  Sounds like he had the typical paccom product memory lost.

Demos KR4US
```

-----Original Message-----
From: Bill Diaz <billdiaz@megsinet.com>
To: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
Date: Friday, April 02, 1999 7:48 AM
Subject: [aprssig] RE: [htaprs] D7 Lockups

>Chris,
> The RMC message does not have a complete checksum.
>SB asterisk followed by 2 hex characters.
>
>Looks like the RMC message is missing the date of fix as well.
>This field is just before the checksum.
>
>What kind of GPS is KA4EBX-9 using? Be interesting to see the
>actual GPS output before the D7 gets it and compare it with what
>the D7 is transmitting.
>

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5. [htaprs] How many watts at 8v?

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Fri, 2 Apr 1999 07:37:09 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13613-1999.04.02-09.40.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Battery question: I'm thinking about having my TH-D7A and my Garmin GPS 12
share the same 8 volt battery. The TH-D7A puts out 5.5 watts at 13.6 volts.
What kind of output could I expect at 8 volts?

Thanks,
Russ Brown
KB6LUD

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6. [htaprs] Re: How many watts at 8v?

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 2 Apr 1999 15:00:13 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-13645-1999.04.02-15.03.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Battery question: I'm thinking about having my TH-D7A and my Garmin GPS 12
>share the same 8 volt battery. The TH-D7A puts out 5.5 watts at 13.6 volts.
>What kind of output could I expect at 8 volts?

I would be happy to wire up some cells.
What type of batteries are you using or is this a power supply.

Per Kenwood docs for 2 meters

13.8 Volts = 6.0 Watts
 9.6 Volts = 5.0 Watts
 6.0 Volts = 2.5 Watts

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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7. [htaprs] GPS to/from the THD7A

From: Chris Verbil <Chris_Verbil@Trimble.COM>
Date: Fri, 2 Apr 1999 13:24:20 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13649-1999.04.02-15.28.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have one of the supposedly new THD7A's with the upgraded firmware. I have noticed some problems with this unit, confirmed with another local THD7A operator also with a new unit, that makes me think the Kenwood programmers still have some work to do.

To the list mom: The following is not intended as a promotion of my employer. I do think the mention of these products is germane to the subject of data lockups.

I work for Trimble Navigation, so I have access to plenty of different GPS platforms to use. I initially used a Trimble handheld (outputting RMC messages) to drive the THD7A, and it worked fine except that I noticed that the Kenwood would not always go right into GPS mode after power-up. That is, the GPS unit was already up and operating with a valid 3D fix, but when the data stream was plugged into the Kenwood, the position display would stay at 0/0 lat-long for a long time with no flashing of the decimal points. After perhaps one minute or so, sometimes much longer, it would then change to a flashing display, then pick up the GPS output. Once the posit on the Kenwood was displayed, the rest of the session would work normally.

I next tried a Trimble Crosscheck, it is a cellular phone with embedded GPS. The phone has an external RS232 data port that can be configured to either TAIP, TSIP, or NMEA protocols. The serial port on the phone is 9600 baud by default, so I reprogrammed the port to 4800 and set it to NMEA mode with RMC messages. This box worked great with the Kenwood, or so I though initially. The position comes up very quickly - it is a much better GPS receiver than our old handhelds - and the Kenwood appears happy with it except that on a purely random basis, which I can not yet correlate to any specific event, the GPS display on the Kenwood stops flashing, for a second or two it stays at the last valid lat-long posit, then it changes to 0/0 lat-long. Subsequent investigation revealed that the phone serial port had been reset to 9600 baud. I have inquired of the engineering staff here for that product, and they tell me that with Crosscheck's internal firmware, the only way that the post could get reset other than by direct programming is for the port to see something that it interprets as an <esc> sequence.

I have noticed in the Kenwood manual, in the diagram for building the GPS interface cable, that there are both Tx and Rx lines; other discussions in this forum seem to lead me to believe that there is some sort of external waypoint generation capability with the Garmins? If so, some data is obviously being sent although I have not been able to see any with a serial analyzer because of the randomness of the event. I did try disconnecting the Tx line from the Kenwood to the GPS in hopes of breaking the channel for transmission to the GPS, but I discovered that there is absolutely no data transmission from the GPS to the radio is that wire is removed. The Trimble boxes don't look for nor need a handshake, but I wonder if the Kenwood is looking for one?

I now am using a Trimble 450 receiver interfaced to the Kenwood. This is a two-port box that uses a different version of internal firmware that the engineers tell me does not have the <esc> feature. The NMEA engine in this receiver is an older version, it will not output RMC messages so I have set it to GGA and VTG instead. It generally works except there also appear to be gaps of several minutes where the position display on the Kenwood freezes and will not update.

So I am wondering, since I repeatedly see messages in this forum about lockups, if there is still a problem here that has not been remedied.

Chris
N5CV

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8. [htaprs] Re: GPS to/from the THD7A

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 2 Apr 1999 17:06:08 -0500 (EST)

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-13659-1999.04.02-16.09.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, the THD7 outputs Waypoints for every APRS posit packet received so
that your GPS can display everyone. If your GPS is unhappy with this
data, then disconnect (or dont connect it in the first place) to the RXD
data going into the GPS.

The GPS and THD7 will work fine with just NMEA data and ground.

Good data. Thanks.
de WB4APR, Bob

 On Fri, 2 Apr 1999, Chris
Verbil wrote:

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> noticed some problems with this unit, confirmed with another local THD7A
> operator also with a new unit, that makes me think the Kenwood programmers
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>
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> The phone has an external RS232 data port that can be configured to either
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>
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> it to GGA and VTG instead. It generally works except there also appear to
> be gaps of several minutes where the position display on the Kenwood freezes
> and will not update.
>
> So I am wondering, since I repeatedly see messages in this forum about
> lockups, if there is still a problem here that has not been remedied.
>
> Chris
> N5CV

>
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APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

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9. [htaprs] Re: GPS to/from the THD7A

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 2 Apr 1999 16:14:42 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-13660-1999.04.02-16.17.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I have one of the supposedly new THD7A's with the upgraded firmware.

WHAT are the first 3 digits of SN ? then you will know .

GPWPL data sentence are sent down the GPS xmit wire
when the D7a get a valid APRS POS.

(I found that info in the archives of this sig)

My garmin III+ sends all the standard NMEA sentences. I don't know
if the minimum set of NMEA sentences needed has been reported on the sig.

I have seen a short delay before the data is valid but not that long.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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10. [htaprs] RE: GPS to/from the THD7A

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 2 Apr 1999 18:18:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-13666-1999.04.02-18.19.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>>WHAT are the first 3 digits of SN ? then you will know .
>
>011 for both units.
>
>
>>>GPWPL data sentence are sent down the GPS xmit wire
>> when the D7a get a valid APRS POS.
>>
>I guess I will need to find the GPWPL format string so I can look at it.
>
>
>cv

$GPWPL,4916.55,N,12311.02,W,JERICO*49

```
$GPWPL,4917.16,N,12310.64,W,003*65

    4917.16,N  Latitude of waypoint
    12310.64,W Longitude of waypoint
    003        Waypoint ID
       When a route is active, this sentence is sent once for each waypoint
       in the route, in sequence. When all waypoints have been reported,
       GPR00 is sent in the next data set.


Garmin 12XL NMEA 2.0 output

$GPRMC,212909,A,4915.607,N,12310.537,W,000.0,360.0,111198,020.3,E*68
$GPRMB,A,0.00,L,,JERICO,4916.550,N,12311.020,W,001.0,341.5,,V*18
$GPGGA,212910,4915.607,N,12310.537,W,1,04,2.1,73.5,M,-17.6,M,,*4A
$GPGSA,A,3,,,,,,16,18,,22,24,,,3.7,2.1,2.1*3E
$GPGSV,3,1,11,03,03,111,00,04,15,270,00,06,01,010,00,13,06,292,00*74
$GPGSV,3,2,11,14,25,170,00,16,57,208,39,18,67,296,40,19,40,246,00*74
$GPGSV,3,3,11,22,42,067,42,24,14,311,43,27,05,244,00,,,,*4D
$PGRME,34.8,M,50.0,M,60.9,M*1B
$PGRMM,NAD27 Canada*2F
$GPRTE,1,1,c,0,JERICO*33
$GPWPL,4916.550,N,12311.020,W,JERICO*49
$GPRMC,212911,A,4915.607,N,12310.537,W,000.0,360.0,111198,020.3,E*61
$GPRMB,A,0.00,R,,JERICO,4916.550,N,12311.020,W,001.0,341.5,,V*06
$GPGGA,212912,4915.607,N,12310.537,W,1,04,2.1,72.9,M,-17.6,M,,*45
$GPGSA,A,3,,,,,,16,18,,22,24,,,3.6,2.1,2.2*3C
$GPGSV,3,1,11,03,03,111,00,04,15,270,00,06,01,010,00,13,06,292,00*74
$GPGSV,3,2,11,14,25,170,00,16,57,208,39,18,67,296,40,19,40,246,00*74
$GPGSV,3,3,11,22,42,067,42,24,14,311,43,27,05,244,00,,,,*4D
$PGRME,34.7,M,49.9,M,60.7,M*1B
$PGRMM,NAD27 Canada*2F
$GPRTE,1,1,c,0,JERICO*33
$GPWPL,4916.550,N,12311.020,W,JERICO*49

73



-----   kc5ejk@onramp.net    or  kc5ejk@amsat.org    -----


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

11. [htaprs] Re: Save settings on D7A?

From: "John Blessing" <jcb9786@ksu.edu>
Date: Fri, 2 Apr 1999 19:27:13
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13673-1999.04.02-19.30.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The KSU Solar Car Team bought 3 of the TH-D7A's. We have the radios with
serial numbers that do start with 011... The TNCs only save the Call sign
and one other parameter PORTO. Here is how they start up. Do we currently
have the most up to date firmware?:

```
TASCO Radio Modem
AX.25 Level 2 Version 2.0
Release 08/18/98 2Chip ver 1.00
Checksum $F0
cmd:RESET



bbRAM loaded with defaults



TASCO Radio Modem
AX.25 Level 2 Version 2.0
Release 08/18/98 2Chip ver 1.00
Checksum $F0
cmd:MY KC0FFJ-2
```

MYCALL   was NOCALL
cmd:PORTO $0000
PORTOUT was $0000
cmd:

That is the exact text that comes up when we push the on button. Since it
says ver 1.00 it leads me to believe it might be the first version. I am a
new user to this list so perhaps you covered it before, but I have missed
it.

It seems very strange that it gives itself the RESET command. That does
not seem right.

Does anyone know exactly how large the buffer is on the radio. We are
using it in 9600 baud mode and it seems to be sending a lot of errors.
They are fairly close to each other, so we know distance is not a problem.

Does anyone know what the RXERRORS parameter means exactly? Perhaps it
would help us troubleshoot.

If anyone has any pointers on this please let us know. Thanks in advance.

John Blessing, N0YRL

On 03/30/99, "Karl Salisbury <cruz@magicnet.net>" wrote:
> Which settings are not being saved? Your situation does not appear to be
> the norm as all my settings are saved.
>
> Karl
> KG4BNA
>
> On Tue, 30 Mar 1999, George Minich wrote:
>
> > Date: Tue, 30 Mar 1999 8:3:22
> > From: George Minich <gminich@toshiba.ca>
> > To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> > Subject: [htaprs] Save settings on D7A?
> >
> >   Is there a way to save the current TNC settings on a D7A so that they
> > re-establish themselves on the next power-up? I did not spot a command to
> > store current settings.
> >
> >
> >   Thanks
> >
> >   George Minich
> >   VA3GAM
> >
> >
> > ---
> > You are currently subscribed to htaprs as: cruz@magicnet.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] TEST

From: KB8QIR@aol.com
Date: Sat, 3 Apr 1999 10:09:20 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13761-1999.04.03-09.12.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

TEST

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] My THD7A a Lemon?

From: "Rich Casey" <casey@acm.org>
Date: Sun, 4 Apr 1999 20:47:34 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14037-1999.04.04-20.54.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sure seems like it. I got it back three weeks ago from Kenwood repair center
(defective D30- no VHF transmitter output; the door to door repairs took 3
weeks). Now, it's lasted three weeks and the VHF transmitter is out again.

I can't imagine there is any way I could be causing this. I'm using it in
the mobile
with a 19" whip (flat SWR) connected to a GPSIII+ that is running
off a continuous 12 volt supply. Anyone have any ideas?

I'm beginning to think I got a lemon.

Rich
---------- \\ -------------------------
Rich Casey   casey@acm.org
Amateur Radio N5CSU
Dallas Texas
www.startext.net/homes/rcasey

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] Re: Printed lat-lon maps for airports

From: rwf <rwf@BSRG.org>
Date: Fri, 02 Apr 1999 16:51:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14050-1999.04.04-22.43.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As someone who is passing through airports a major portion of my time, I
really don't see the need of anything other than the Lat/Long of the
Airport and that of the city itself. Anything more, and I'll plug the
GPS-III+ into the D7 (and do). I think just a few cards with a list would
be adequate.

Ralph

At 09:32 AM 03/28/1999 -0600, you wrote:
> With the
>Instrument charts, you can fold a few up and slide them into the radio case
>for reference while traveling. You can almost approximate the terminal and
>the gate location with them at a connecting airport for example. No help
>when you leave an airport, however.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] Re: Printed lat-lon maps for airports

From: "Ken Bording" <bordingk@mediaone.net>
Date: Sun, 4 Apr 1999 23:42:30 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14052-1999.04.04-22.49.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

AOPA and several other vendors sell small books with all the airport
information for pilots. These are about the size of the ARRL repeater book.
Sometimes you can pickup out of date ones cheap and since airports don't
move that much all the data would be useful for APRS passengers.

de W5KNB

-----Original Message-----
From: rwf <rwf@BSRG.org>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Sunday, April 04, 1999 11:40 PM
Subject: [htaprs] Re: Printed lat-lon maps for airports

>As someone who is passing through airports a major portion of my time, I

>really don't see the need of anything other than the Lat/Long of the
>Airport and that of the city itself. Anything more, and I'll plug the
>GPS-III+ into the D7 (and do). I think just a few cards with a list would
>be adequate.
>
>Ralph
>
>
>At 09:32 AM 03/28/1999 -0600, you wrote:
>> With the
>>Instrument charts, you can fold a few up and slide them into the radio
case
>>for reference while traveling. You can almost approximate the terminal
and
>>the gate location with them at a connecting airport for example. No help
>>when you leave an airport, however.
>
>
>
>---
>You are currently subscribed to htaprs as: BORDINGK@MEDIAONE.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] Re: D7 Lockups

From: rwf <rwf@BSRG.org>
Date: Mon, 05 Apr 1999 00:10:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14057-1999.04.04-23.15.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mine had NEVER locked up until I went to LA and was using it in Dual Band
mode. Up until then, I have used it as either a voice rig or an APRS rig,
but not both. Within 15 minutes of beginning to use it in dual band mode,
it was locked. I was on the way to the Kenwood presentation. At the
presentation, Cliff said that they had seen the lockups in mono band mode
as well.

My question is whether any of you folks have seen it when operating in only
single band mode.

Ralph

By the way, I enjoyed the Kenwood presentation, including the corny video
about the guy hiking to a "hut" using his D7 and GPS.
Keith and Mark got a lot of use out of my wireless Email unit by
demonstrating the sending of APRS messages to it- but it was impressive!

I won two "contests" One for being the person on APRS the longest (except
for the Sprouls), and the other for coming the furthest to the presentation
(1952 miles).

Ralph
N4NEQ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] Re: My THD7A a Lemon?

From: "Don Boekenkruger" <ve7cbt@home.com>
Date: Sun, 4 Apr 1999 22:01:08 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14071-1999.04.05-00.03.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just out of curiousity, does the radio emit a small little beep every few
seconds, or so, either on it's own, or when you try to transmit on VHF...
I'm not referring to a regular beep, or one that would go off when a aprs
station is rx'ed. I've seen this before, to minimalize false beeps, turn
off the UHF side, leave only the VHF band on, and TNC off. Does it beep a

little beep every few seconds on it's own? I'd imagine not, in your case,
since you haven't mentioned it, and based on the history of your problem...

Just wondering...

If you are getting this little beep, let me know, and I can tell you more
about it.

Nonetheless, I'd contact Kenwood and let them know about the re-ocurring
problem, since it['s still under warranty, I'm sure they'll do something
about it.

Don.

----- Original Message -----
From: Rich Casey <casey@acm.org>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Sunday, April 04, 1999 6:47 PM
Subject: [htaprs] My THD7A a Lemon?

> Sure seems like it. I got it back three weeks ago from Kenwood repair
center
> (defective D30- no VHF transmitter output; the door to door repairs took 3
> weeks). Now, it's lasted three weeks and the VHF transmitter is out again.
>
>
> I can't imagine there is any way I could be causing this. I'm using it in
> the mobile
> with a 19" whip (flat SWR) connected to a GPSIII+ that is running
> off a continuous 12 volt supply. Anyone have any ideas?
>
> I'm beginning to think I got a lemon.
>
> Rich
> ---------- \\ -------------------------
> Rich Casey   casey@acm.org
> Amateur Radio N5CSU
> Dallas Texas
> www.startext.net/homes/rcasey
>
>
>
>
>
>
> ---
> You are currently subscribed to htaprs as: DONB@DIRECT.CA
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Re: Printed lat-lon maps for airports

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 5 Apr 1999 09:49:41 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-14121-1999.04.05-08.53.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> ... vendors sell small books with all the airport information for
> pilots. These are about the size of the ARRL repeater book.

But a single laminated sheet I will put in my wallet permanently, a book,
no matter how small is just something else to keep track of.. And Ralph
is probably right, once you leave the airport, you will probably hook up
the GPS, so maybe all we do need is a single small print list of the
MAJOR airports.

So, if a volunteer wanted to make such a list (that can be Xeroxed
down to Wallet size) then some of us might find it handy...

de WB4APR, bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] Re: Printed lat-lon maps for airports

From: John Lauber <jlauber@ix.netcom.com>
Date: Mon, 05 Apr 1999 10:15:21 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-14133-1999.04.05-09.26.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you go to www.airnav.com, you'll get direct access to the complete
data base of airports, not to mention navaids, intersections,
etc....simply enter an airport name or identifier, and you got all the
info you need (and then some)......

73
W6PNC
John

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] amsat net

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 5 Apr 1999 08:55:26 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14170-1999.04.05-11.00.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

if in the las vegas nevada area, the las vegas radio amateur club operates
the QST machine on 146.73mhz.

the live satellite program this week in amateur radio is aired tuesdays at 8
pm pacific followed by the amsat program, tape delayed at this time, but
could be live if needed.

if you are out of town and can pick up the qst machine in vegas, please
relay the amsat program, or anything else you like.

kd8s@skylink.net   WWW.LVRAC.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Apparent Course Discrepancy?

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Mon, 5 Apr 1999 10:43:58 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14195-1999.04.05-12.47.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was wondering if anybody else has noticed that the "course" output of the
TH-D7A is from 11 to 14 degrees too great. To check this, I put my attached
Garmin GPS 12 into "Simulation" mode to remove any Selective Availability
effects. Here are a couple of results that I got using the Mic-E Message
Formats documentation:

Test 1: 24mph, 90 deg

01101110 00101011 00011101 SPD & CSE bytes
 110   43   29   decimal representation

Course results were 11 degrees too big at 101 degrees

Test 2: 0mph, 357 deg

01101100 00100000 00100111 SPD & CSE bytes
 108   32   39   decimal representation

Course results were 14 degrees too big at 11 degrees

Russ Brown, KB6LUD
(Is it me or the TH-D7A?)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Message retry

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Tue, 6 Apr 1999 09:29:08 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14318-1999.04.06-10.32.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What is the interval of retries on messages? I suspect it diminishes over time, but does it stop all together after a while. It may just appear that way if the next time is t/2.

I have noticed that if you send a new message any un-acked messages are also sent at that time.

Tom NY4I

23. [htaprs] Re: Message retry

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 6 Apr 1999 11:59:04 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-14322-1999.04.06-11.02.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 6 Apr 1999, Thomas M. Schaefer wrote:

> What is the interval of retries on messages? I suspect it diminishes
> over time, but does it stop all together after a while. It may just
> appear that way if the next time is t/2.

APRSdos divides the period by 1.5 every time so that it decays down to the MAX period set in your CONFIG file. Once it gets to that rate it stays there so eventually you will get the message. But...

THe MAX period defaults to 30 minutes but is also a function of the length of your path. If your path is local, direct, or only one digipeater, then it assumes you are involved in a local event and the maximum period is at 10 minutes. For 2 hops, it is 20 miunutes.

THis is actually called the net-cycle time. For local events, the net cycle time is assumed to be 10 minutes. For state wide nets it is assumed to be 30 miuntes. This is so users can have common expectations about how long they must monitor an APRS net inorder to have captured everything.

All your POSITS, STATUS, BULLETINS, etc follow this philosophy.

enjoy

Bob, WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] Re: Message retry

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 6 Apr 1999 12:00:09 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-14323-1999.04.06-11.03.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 6 Apr 1999, Thomas M. Schaefer wrote:

> I have noticed that if you send a new message any un-acked messages are
> also sent at that time.

This may be a function of which software you are running. APRSdos treats
each message independently with its own timer..

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Re: Message retry

From: bobj <bobj@mediaone.net>
Date: Tue, 06 Apr 1999 13:37:55 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-14330-1999.04.06-12.45.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I am assumming your question is about the HT's own APRS messaging, without a PC atatched.

> Page 80 of the manual states:

"When entry of a message (or bulletin) is completed, this
transceiver automatically transmits it 5 times (max.) at
intervals of 1 minute.

For a message:
The transceiver repeats transmitting up to 5 times until a
reception acknowledgment is returned.

For a bulletin:
The transceiver always repeat transmitting 5 times. A
reception acknowledgment is not returned.

You can also manually
transmit all of those regardless of the 5-minute timer."

DE K1KAS

> "Thomas M. Schaefer" wrote:
>
> What is the interval of retries on messages? I suspect it diminishes over time, but does it stop all
together after a while. It may just appear that way if the next time is t/2.
>
> I have noticed that if you send a new message any un-acked messages are also sent at that time.
>
>
>
> Tom NY4I

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] Re: Message retry

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Tue, 6 Apr 1999 12:04:04 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14336-1999.04.06-13.07.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm sorry. I did not think I needed to be explicit considering I sent this
to the HT list. I am talking about the D7A.

Thanks,

Tom NY4I
-----Original Message-----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Tuesday, April 06, 1999 10:09 AM
Subject: [htaprs] Re: Message retry

>On Tue, 6 Apr 1999, Thomas M. Schaefer wrote:
>
>> I have noticed that if you send a new message any un-acked messages are
>> also sent at that time.
>
>This may be a function of which software you are running. APRSdos treats
>each message independently with its own timer..
>
>de WB4APR, Bob
>
>
>
>---
>You are currently subscribed to htaprs as: TOMS@INCONNECT.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

27. [htaprs] THD7 DX format

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 6 Apr 1999 13:24:05 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-14350-1999.04.06-13.26.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Per original list e-mail about using the DX

URCALL>RESORC:
DX de YOURCALL.>1111111112222222222***3333333333444444444***********55555

But I needed an extra space in the first field (10) long not (9)

Length 10   10   10   3   10   10   11   5
DX de abcdefghij1111111112222222222***3333333333444444444***********55555

For a test I set unp to :

Unproto   now THD7A via RELAY

D7A screen one:

```
---------------
Dx2222222222
1111111111
       55555
---------------
```

D7A Screen two

```
---------------
Dx2222222222
  3333333333
  4444444444
---------------
```

NOTES:
DO not set the UNP to anthing that starts with AP because The D7a will not see it as a DX packet
but as an incorrect APRS packet and will display ?? dump it.
(REMEMBER : The D7a unp APRS default is set to APK001)

The abcdefghij field and the *** fields will not show on the D7a
I don't have the full DX specification so I don't know what the *** fields do.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] Re: Message retry

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 6 Apr 1999 14:23:50 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-14352-1999.04.06-13.27.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 6 Apr 1999, Thomas M. Schaefer wrote:

> I'm sorry. I did not think I needed to be explicit considering I sent
> this to the HT list. I am talking about the D7A.

OOps, I didnt notice which list it came in on, I missread it as a general question.. But for what it is worth, Kenwood wanted to use the decaying algorithm, but they are using built-in interrupt timers for all their code in the CPU. They just had no more interrupts for other timers. So, as a result, messages are all tied to the 1 minute loop...

Hope that is of better help.

de WB4APR

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29. [htaprs] Re: THD7 DX format

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 6 Apr 1999 14:29:57 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-14353-1999.04.06-13.33.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The definitions of the fields and all you need on howto use the DX list in the THD7 for APRS applications is documented in my README\RESOURCE.TXT which is included in recent versions of APRSdos...

I think there is potential here, all we need to do is figure out what to use it for. I called it a "RESOURCE" list for lack of a better word at the time...

de WB4APR, Bob

On Tue, 6 Apr 1999, Robert Winingham wrote:

> Per original list e-mail about using the DX
>
> URCALL>RESORC:
> DX de YOURCALL.>1111111112222222222***33333333334444444444**********55555
>
> But I needed an extra space in the first field (10) long not (9)
>
> Length 10   10   10   3   10   10   11   5
> DX de abcdefghij1111111112222222222***33333333334444444444**********55555
>
> For a test I set unp to :
>
> Unproto   now THD7A via RELAY
>
> D7A screen one:
>
> ---------------
> Dx2222222222
> 1111111111
>   55555
> ---------------
>
> D7A Screen two
>
> ---------------
> Dx2222222222
>   3333333333
>   4444444444
> ---------------
>
> NOTES:
> DO not set the UNP to anthing that starts with AP because The D7a will not see it as a DX packet
> but as an incorrect APRS packet and will display ?? dump it.

> (REMEMBER : The D7a unp APRS default is set to APK001)
>
> The abcdefghij field and the *** fields will not show on the D7a
> I don't have the full DX specification so I don't know what the *** fields do.
>
> 73
>
> -----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
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30. [htaprs] TH D7E and my trip to the UK

From: rwf <rwf@BSRG.org>
Date: Wed, 07 Apr 1999 00:14:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14460-1999.04.06-23.24.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well I guess I should have been more prepared!
I was just informed that I am going to England in 13 days.

A couple of questions to our British friends:

Is it pointless to worry about trying to obtain a Reciprocal License at
this late date?
I heard it was 15 pounds sterling. Is that still true?

If I pass that hurdle, does anyone know the diode mod to make a D7A into a
D7E?

I heard the Yaesu VX-1 (although not APRS ready) can do 1750 Hz right out
of the box. Anyone know?

And..   Any UK APRSers want to get together? I could be persuaded to give
my presentation of APRS at the 1996 Summer Olympics!

I will be in Uxbridge on the 21, 22, and 23 and then about anywhere until
the 28th.

Ralph
N4NEQ

http://BSRG.org   >>>> My Web page for APRS GPS and ATV

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31. [htaprs] TH-D7A Arrives in Australia...

From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Tue, 06 Apr 1999 19:15:53 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14482-1999.04.07-03.55.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day....

I just thought I would let those in the rest of the world that have had

TH-D7A's for months that mine finally arrives tomorrow. The first of the
TH-D7A's in the country arrived from Kenwood today (Tuesday).

It is retailing here for about A$825, with that being reduced to A$800
by my local supplier. That is just over US$500 which is not too bad...
It has only been 4 months since the radio was released in the USA... At
least most of the bugs will be fixed - I will let you know serial
numbers when I get my unit....

Darryl VK2TDS
Sydney, Australia

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32. [htaprs] [amsat-bb] Kenwood TH D7 with aprs icon (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 7 Apr 1999 10:18:55 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14507-1999.04.07-09.22.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello, name here is Carl.

The following two questions have to do with programming the Kenwood TH D7A.

I have been trying to set an "icon" of my selection in the program setup,
but all I get out (as viewed on my aprs-sa software on another radio) is a
sailing boat. Has this been a similar experience of other users, or is
something left out of the instruction book or I am not understanding?

When I view the data from the tnc on this other radio, there are some
combinations of characters, which probably define this icon, but I am not
knowledgeable yet of this shortcut.

Question two; where can I find more detail on these unique codes, icons and
or methodology that I want to be correct in using?

Thank you all for reading this.

Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

---
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33. [htaprs] GPS and PC Cables for the D7?

From: Rosenberg.Eric@Orbcomm.COM
Date: Wed, 7 Apr 1999 10:27:14 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14510-1999.04.07-09.32.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I made a cable for my PC to talk to my recently upgraded D7. It works well with
the Kenwood software.

However, I can't get it to work with my Garmin GPS30PC unit (the one-piece unit
sold by TAPR last year). The GPS is working fine, according to SA Watch.

Any thoughts on what configuration items I may have gotten wrong, or for that
matter, any other suggestions?

Thanks,

Eric W3DQ
rosenberg.eric@orbcomm.com

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34. [htaprs] Re: TH D7E and my trip to the UK

From: Jim Baremore <k5qq@juno.com>
Date: Wed, 7 Apr 1999 08:39:55 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-14515-1999.04.07-10.03.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 07 Apr 1999 00:14:33 -0500 rwf <rwf@BSRG.org> writes:
>
>I heard the Yaesu VX-1 (although not APRS ready) can do 1750 Hz right
>out of the box. Anyone know?

That's correct. On page 23 of the manual it tells you that menu #18 will
let you select the 'Monitor' button on the side to be either a monitor (
break the squelch and listen on the receive frequency) or it can be a
'Tone Call' button.

"To access a repeater, hold the Monitor switch for the amount of time
specified by the repeater owner/operator. the transmitter is
automatically activated and a 1750-hz audio tone is sent. Once you have
accessed the repeater, use the PTT switch to transmit."

Hope that helps

Jim Baremore   K5QQ
_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

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35. [htaprs] Re: TH D7E and my trip to the UK

From: "Bruce Elliott" <belliot@tcjc.cc.tx.us>
Date: Wed, 7 Apr 1999 11:05:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14529-1999.04.07-11.09.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You need to include a null modem between the D7 and the GPS unit (or, at
least, that is what I did).

Bruce
KC5KYJ
-----Original Message-----
From: Jim Baremore <k5qq@juno.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org <htaprs@lists.tapr.org>
Date: Wednesday, April 07, 1999 10:01 AM
Subject: [htaprs] Re: TH D7E and my trip to the UK

>
>
>On Wed, 07 Apr 1999 00:14:33 -0500 rwf <rwf@BSRG.org> writes:
>>
>>I heard the Yaesu VX-1 (although not APRS ready) can do 1750 Hz right
>>out of the box. Anyone know?
>
>That's correct. On page 23 of the manual it tells you that menu #18 will
>let you select the 'Monitor' button on the side to be either a monitor (
>break the squelch and listen on the receive frequency) or it can be a
>'Tone Call' button.
>
>"To access a repeater, hold the Monitor switch for the amount of time
>specified by the repeater owner/operator. the transmitter is
>automatically activated and a 1750-hz audio tone is sent. Once you have
>accessed the repeater, use the PTT switch to transmit."
>
>Hope that helps
>
>Jim Baremore   K5QQ
>_____
>You don't need to buy Internet access to use free Internet e-mail.

>Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
>or call Juno at (800) 654-JUNO [654-5866]
>
>---
>You are currently subscribed to htaprs as: BELLIOT@TCJC.CC.TX.US
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>

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36. [htaprs] Web Cams and SSTV and APRS

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Wed, 7 Apr 1999 19:58:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: ru-hams@tdmx.rutgers.edu
Message-ID: <LYR845-14609-1999.04.07-20.02.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Rutgers Univesity Ham Radio Club (WA2NPP) will be having Web Cameras,
APRS, and SSTV at the Rutgers Engineering Open House this coming Saturday,
April 10th. During this time, there will be live Web Cameras, including one
on top of a 100' portable tower. Another one will be on top of my
communications van, watching the students go by.

We will also be using the Kenwood VC-H1 and Kenwood D7 radio to transmit
SSTV pictures which will be loaded onto or web site.

If you are interested in watching what is going on, please take a look at:

        http://dorm.rutgers.edu/openhouse.html

We will be on the air as WA2NPP on APRS.. Send us a message, will be on
VHF and the Internet.

The web cameras should be up and running Friday evening.. We will be
posting snap shots of some of the images on the web site too.

You will be able to watch some of the web cams live (THey can only handle 5
connections at a time for live pictures).

We hope to get a sequence of pictures of the 100' tower going up with the
camera on it.

If you do watch this, drop us a note during the day on Saturday

        ksproul@noc.rutgers.edu

Keith Sproul   732 445-3695 Office
mailto:ksproul@vger.rutgers.edu   732 821-4828 Home
http://aprs.rutgers.edu/   WU2Z
http://wu2z.rutgers.edu/aprs.html   Live APRS system

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37. [htaprs] Printed lat-lon maps for airports

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Wed, 7 Apr 1999 22:35:23 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14625-1999.04.07-21.38.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Send me your updates... I'll keep the list current. kd4rdb@qsl.net
When we get a full list (one / state atleast), I'll convert to PDF on a
small index card. Maybe we should post this on jeff brenton's site with his
qsy maps? Please note that I truncated the decimal places off the lat's and
long's. That much ambiguity won't hurt - it's all appoximate anyway.

```
****************** begin text file ******************
Pocket Airport List
 - see a blank state?  Add a major airport
 - source: www.airnav.com

AK
AL
AS
AZ
CA
CO
CT BDL 41-56-19N / 072-40-59W
DC IAD 38-56-40N / 077-27-20W
DE
FL FLL 26-04-21N / 080-09-09W
FL JAX 30-29-38N / 081-41-16W
FL MCO 28-25-43N / 081-18-57W
FL MIA 25-47-35N / 080-17-25W
FL RSW 26-32-10N / 081-45-18W
FL TPA 27-58-31N / 082-31-59W
FL VPS 30-29-12N / 086-31-33W
GA AGS 33-22-11N / 081-57-52W
GA ATL 33-38-25N / 084-25-36W
GA SAV 32-07-39N / 081-12-07W
HI
IA
ID
IL BMI 40-28-40N / 088-54-57W
IL MDW 41-47-09N / 087-45-08W
IL MLI 41-26-54N / 090-30-26W
IN
KS
KY
LA MSY 29-59-36N / 090-15-28W
MA BOS 42-21-51N / 071-00-18W
MD
ME
MI DET 42-24-33N / 083-00-35W
MI FNT 42-57-55N / 083-44-36W
MN
MO
MS GPT 30-24-26N / 089-04-12W
MT
NC CLT 35-12-50N / 080-56-35W
NC GSO 36-05-51N / 079-56-14W
NC RDU 35-52-39N / 078-47-14W
ND
NE
NH
NJ
NM
NV
NY BUF 42-56-25N / 078-43-55W
NY LGA 40-46-38N / 073-52-21W
OH CAK 40-54-58N / 081-26-32W
OH DAY 39-54-08N / 084-13-09W
OK
OR
PA PHL 39-52-13N / 075-14-42W
RI
SC CAE 33-56-19N / 081-07-10W
SC CHS 32-53-55N / 080-02-25W
SC GSP 34-53-52N / 082-13-01W
SD
TN BNA 36-07-28N / 086-40-41W
TN MEM 35-02-36N / 089-58-36W
TN TYS 35-48-44N / 083-59-34W
TX DFW 32-53-45N / 097-02-13W
TX HOU 29-38-43N / 095-16-43W
UT
VA PHF 37-07-54N / 076-29-34W
VT
WA
WV
WI
WY
*********************end text file**************************
Wes - NOTE NEW EMAIL ADDRESS
  kd4rdb@qsl.net
```

```
  http://www.qsl.net/kd4rdb

Where am I?
   http://map.aprs.net/kd4rdb-9
   http://map.aprs.net/kd4rdb-10




---
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```

38. [htaprs] airport locator card... 14k GIF image

```
From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Wed, 7 Apr 1999 23:52:57 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <kd4rdb@bellsouth.net>
Message-ID: <LYR845-14629-1999.04.07-22.56.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Because everyone won't have the same word processor... here is a GIF.  only
14k so it shouldn't be a problem for those with not so cheap ISP access ( i
hope).

Wes - NOTE NEW EMAIL ADDRESS
  kd4rdb@qsl.net
  http://www.qsl.net/kd4rdb

Where am I?
   http://map.aprs.net/kd4rdb-9
   http://map.aprs.net/kd4rdb-10
[Attachment: airport card.gif; application/octet-stream; 14,772 bytes]
```

39. [htaprs] Re: Printed lat-lon maps for airports

```
From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 8 Apr 1999 10:42:40 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-14699-1999.04.08-09.46.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Thanks Wes, for volunteering..   But I would make two suggestions:

1)  All APRS positions should be published in the NMEA and APRS
standard of DEGREES and MINUTES (DDDMM.mm..) where the decimal points may
be expressed to any precision or lack there of.  We must use a "common
language" in APRS to avoid confusion.

2)  In this case, precision to 100 feet as shown is missleading and
confusing.  APRSdos and now WinAPRS fully support position ambiguity
so there is no reason to publish a posit precisely in the middle of
a runway with 100 foot precision..

> FL FLL 26-04-21N / 080-09-09W
> GA AGS 33-22-11N / 081-57-52W
> MA BOS 42-21-51N / 071-00-18W
> MD BWI 3911/7641                <==  My entry for Maryland and VA
> DC DCA 3857/7703
> VA DUL 3857/7727                <==  DUL may not be correct ID for
                                       Dulles

Notice my entry is half as big and is only precise to a half mile. But
that was the intent, to be able to hand enter an approximate position.
and for everyone to know it was approximate.  BWI covers acreage at
least 2 miles across.  There is no reason for precision to 100 feet.
If you need that precision, then you can go stand in the middle of the
runway with your GPS and you don't need this list.

Now, this is not to say, that if you are making this list as a list of
NAVaids, or for Instrument approaches then you do need precision, but as
has been pointed out, everyone who needs that precision, does not need it
on a piece of paper that fits in his wallet... :-)

bob
```

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40. [htaprs] Re: Printed lat-lon maps for airports

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Thu, 8 Apr 1999 08:58:12 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14705-1999.04.08-10.01.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My thought in looking at the chart was the information matched what I need
to enter into my D7A. Is that not the real purpose of this chart? Nice job,
Wes I will be sending a few later on today.

Tom
----- Original Message -----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Thursday, April 08, 1999 8:42 AM
Subject: [htaprs] Re: Printed lat-lon maps for airports

> Thanks Wes, for volunteering..   But I would make two suggestions:
>
> 1) All APRS positions should be published in the NMEA and APRS
> standard of DEGREES and MINUTES (DDDMM.mm..) where the decimal points may
> be expressed to any precision or lack there of. We must use a "common
> language" in APRS to avoid confusion.
>
> 2) In this case, precision to 100 feet as shown is missleading and
> confusing. APRSdos and now WinAPRS fully support position ambiguity
> so there is no reason to publish a posit precisely in the middle of
> a runway with 100 foot precision..
>
> > FL FLL 26-04-21N / 080-09-09W
> > GA AGS 33-22-11N / 081-57-52W
> > MA BOS 42-21-51N / 071-00-18W
> > MD BWI 3911/7641   <== My entry for Maryland and VA
> > DC DCA 3857/7703
> > VA DUL 3857/7727   <== DUL may not be correct ID for
>   Dulles
>
> Notice my entry is half as big and is only precise to a half mile. But
> that was the intent, to be able to hand enter an approximate position.
> and for everyone to know it was approximate. BWI covers acreage at
> least 2 miles across. There is no reason for precision to 100 feet.
> If you need that precision, then you can go stand in the middle of the
> runway with your GPS and you don't need this list.
>
> Now, this is not to say, that if you are making this list as a list of
> NAVaids, or for Instrument approaches then you do need precision, but as
> has been pointed out, everyone who needs that precision, does not need it
> on a piece of paper that fits in his wallet... :-)
>
> bob
>
>
>
>
> ---
> You are currently subscribed to htaprs as: TOMS@INCONNECT.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] Re: Printed lat-lon maps for airports

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 8 Apr 1999 11:41:52 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>

Message-ID: <LYR845-14712-1999.04.08-10.46.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 8 Apr 1999, Thomas M. Schaefer wrote:

> My thought in looking at the chart was the information matched what I
> need to enter into my D7A. Is that not the real purpose of this chart?

Yes, exactly. So that is why my two concerns over Wes's LIST:

1) The THD7 is in the NMEA and APRS standard of DDDMM.mm and that is
    not the format that Wes posted (??-??-??)

2) Wes provided precision to the nearest 100 feet. If you enter that
    precision, then you are entering a precise position somewhere at the
    Airport. To anyone who sees that position, to that precision, then
    must then assume that you are in fact at that exact location. Other
    wise, why did you enter all that precision?

This is one of the issues that has been hard fought among the authors, and
that is that a user must be able to enter an "approximate" position and
that information that that position is "approximate" must be conveyed
unambiguously to the end viewer.

This has always been part of the protocol and implemented in APRSdos.
Once you zoom below the range where the ICON is smaller than the
ambiguity, then in APRSdos, and now in WinAPRS, a circle is displayed
showing the area of ambiguity.. This way, APRS does communicate to the
end user the "usefullness" of a position.

Now, back to the list. I had asked Kenwood to allow the entry of SPACES
or blanks for digits that are not precisely known. THis is the way
that we write LAT/LONGS, and this is the way that APRSdos conveys
ambiguity. Just enter a BLANK (a SPACE) where you dont have presion.
But Kenwood's digital-menu did not allow for the entry of a SPACE.
Therefore I have implemented in APRSdos the following "assumption".

  IF the .xx/.xx decimal digits in a THD7 are .00/.00, then I am making a
99.99% assumption that he has entered his position ambiguous to the
nearest mile and will display him that way. Thus I will not waste effort
climbing the runway fence, and running across the field to find him
because he is showing a posit on the other side of the field. In APRSdos
and now WinAPRS, once you zoom-in to the airport, you will see his 1 mile
ambiguity circle and know that he is somewhere there, but without a GPS to
be precise...

The APRS position format is a fixed field ASCII string. It allows for
the transmission of various degrees of ambiguity:

```
  3859.11N/07629.11W   is my precise position
  3859.1 N/07629.1 W   is good to about 500 feet (hide my car at Kmart)
  3859.  N/07629.  W   shows me in my neighborhood, but not my house
  386 .  N/0763 .  W   Shows the approximate position of a Hurricane
  38  .  N/076  .  W   shows the approximate location of a DX spot
                       in Zimbabwe for example.. as a 60 mile circle
```

This is the original APRS Position format. In APRSdos it will begin
to display circles of the indicated ambiguity in stead of ICONS once you
zoom too far. I was glad to see the Mac/Win finally implemented this
recently...

de WB4APR, Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Re: Printed lat-lon maps for airports

From: Tom Clarke <fclarke@erols.com>
Date: Thu, 08 Apr 1999 16:47:33 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-14756-1999.04.08-15.56.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:42 AM 4/8/99 -0400, you wrote:
>Thanks Wes, for volunteering..   But I would make two suggestions:
>

```
>> MD BWI 3911/7641                <==  My entry for Maryland and VA
>> DC DCA 3857/7703
>> VA DUL 3857/7727                <==  DUL may not be correct ID for
>                                        Dulles

Tom sez:
{{{Dulles is IAD, DUL is Duluth}}}  By the way Airport Reference points are
normally given to the nearest minute and would be appropriate for this
list.  I can look up these points for any airports and navaids in the US
and most of the worlds major airports.  If someone is interested in
compiling a list I can send them a copy of the reference (IFR Supplement
for the US).

Bob, I will be attending a Navy MARS meeting in Rickover this Saturday and
can leave a copy for you if you like.

73 de Tom/W4OKW

>
>Notice my entry is half as big and is only precise to a half mile. But
>that was the intent, to be able to hand enter an approximate position.
>and for everyone to know it was approximate.  BWI covers acreage at
>least 2 miles across.  There is no reason for precision to 100 feet.
>If you need that precision, then you can go stand in the middle of the
>runway with your GPS and you don't need this list.
>
>Now, this is not to say, that if you are making this list as a list of
>NAVaids, or for Instrument approaches then you do need precision, but as
>has been pointed out, everyone who needs that precision, does not need it
>on a piece of paper that fits in his wallet... :-)
>
>bob
>
>
>
>
>---
>You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

43. [htaprs] Re: Printed lat-lon maps for airports

```
From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Thu, 8 Apr 1999 15:58:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-14757-1999.04.08-16.02.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Tom sez:
>{{{Dulles is IAD, DUL is Duluth}}}  By the way Airport Reference
points are
>normally given to the nearest minute and would be appropriate for
this
>list.  I can look up these points for any airports and navaids in the
US
>and most of the worlds major airports.  If someone is interested in
>compiling a list I can send them a copy of the reference (IFR
Supplement
>for the US).



Don't we have this data already in the airports overlay file?



---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

44. [htaprs] Re: Printed lat-lon maps for airports

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Thu, 8 Apr 1999 17:02:34 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14758-1999.04.08-16.05.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please, no one send a list of airports to me... i have one.. ;) . My problem
is that I normally only travel on the east coast and europe. I'm bissfully
unaware of the major airports in every state in the midwest and west. What
I'd like is for folks that live near a major airport, or know of a common
destination, to send me either the name or the lon/lat. The list i have
contains several thousand airports... most of them 'mom and pop' and
ultralight ports.... We need to narrow the field a bit.

Thanks to the group of you that already sent me a few!

Wes - NOTE NEW EMAIL ADDRESS
  kd4rdb@qsl.net
  http://www.qsl.net/kd4rdb

Where am I?
   http://map.aprs.net/kd4rdb-9
   http://map.aprs.net/kd4rdb-10

-----Original Message-----
From: Tom Clarke <fclarke@erols.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org <htaprs@lists.tapr.org>
Date: Thursday, April 08, 1999 4:53 PM
Subject: [htaprs] Re: Printed lat-lon maps for airports

>At 10:42 AM 4/8/99 -0400, you wrote:
>>Thanks Wes, for volunteering..   But I would make two suggestions:
>>
>>> MD BWI 3911/7641   <== My entry for Maryland and VA
>>> DC DCA 3857/7703
>>> VA DUL 3857/7727   <== DUL may not be correct ID for
>>   Dulles
>
>Tom sez:
>{{{Dulles is IAD, DUL is Duluth}}} By the way Airport Reference points are
>normally given to the nearest minute and would be appropriate for this
>list. I can look up these points for any airports and navaids in the US
>and most of the worlds major airports. If someone is interested in
>compiling a list I can send them a copy of the reference (IFR Supplement
>for the US).
>
>Bob, I will be attending a Navy MARS meeting in Rickover this Saturday and
>can leave a copy for you if you like.
>
>73 de Tom/W4OKW
>
>>
>>Notice my entry is half as big and is only precise to a half mile. But
>>that was the intent, to be able to hand enter an approximate position.
>>and for everyone to know it was approximate. BWI covers acreage at
>>least 2 miles across. There is no reason for precision to 100 feet.
>>If you need that precision, then you can go stand in the middle of the
>>runway with your GPS and you don't need this list.
>>
>>Now, this is not to say, that if you are making this list as a list of
>>NAVaids, or for Instrument approaches then you do need precision, but as
>>has been pointed out, everyone who needs that precision, does not need it
>>on a piece of paper that fits in his wallet... :-)
>>
>>bob
>>
>>
>>
>>
>>---
>>You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
>>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>>
>>
>
>
>---

>You are currently subscribed to htaprs as: KD4RDB@BELLSOUTH.NET
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>

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45. [htaprs] SMA to BNC CONNECTOR Problem

From: "Paul DeCicco" <pdecicco@hughes.net>
Date: Fri, 9 Apr 1999 9:54:32
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14881-1999.04.09-09.57.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings:

I am using an SMA to BNC adapter of an undetermined brand on my TH-D7a.
When I tighten up on the connector, something seems to be shorting and
although there is a transmit indication, no signal is transmitted. Receive
does not seem to be affected. The D7 was openned and the connection
resoldered, still the problem. It does NOT happen with the factory RD ant.
nor my SMA 1/4 wave dual band whip (COMET). I placed a paper washer between
the mail connector and the radio and still the problem providing the
connection is tightened. If anyone has had a similar problem,I would be
interested in how they solved it. I have tried two adapter of the same
brand and no go, so it doesn't seem to be the particular adapter. I can
transmit by tightening then backing off about on the SMA side about an 1/8
turn (just so it isn't tight) but something is wrong somewhere....

Thanks. 73s.
de KF6VIE

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46. [htaprs] Kenwood D7 Firmware Upgrade Turnaround

From: "Harry Burford" <hburford@airmail.net>
Date: Fri, 9 Apr 1999 17:22:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14929-1999.04.09-17.25.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just received the Kenwood TH-D7A back from the factory today after
completing the firmware upgrade. I sent it 2 day on 3/30 and it got there
on 4/1. Was returned today 4/9. Anyone looking to do an upgrade on their
own radio, ten days from door to door might be a good estimate. I only sent
them the radio and didn't include the antenna, battery, or any accessories.
Like any product return, it makes sense to include a detailed letter in your
package describing exactly why you are sending the radio, what you are
sending, and how to handle the return. Don't give the vendor anything to
guess about.

Can't tell any difference so far, but I am planning to use one of the Garmin
GPS-35 units that this new firmware is to fix. Interesting that none of my
memory entries changed, even had my last POS entry. I sure would have
thought that a master reset would have been in order when doing a firmware
update, guess not.

I'm sure happy with my Kenwood service experiences so far.

Harry, KAØTTY

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] Re: SMA to BNC CONNECTOR Problem

From: Jim Baremore <k5qq@juno.com>
Date: Fri, 9 Apr 1999 17:00:13 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-14939-1999.04.09-18.24.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 9 Apr 1999 9:54:32 "Paul DeCicco" <pdecicco@hughes.net> writes:
>I am using an SMA to BNC adapter of an undetermined brand on my
>TH-D7a.
>When I tighten up on the connector, something seems to be shorting and
>
>although there is a transmit indication, no signal is transmitted.
>Receive does not seem to be affected.

I found out the hard way after buying a lot of surplus stuff there are
two different SMA connectors and one has a very short pin and the other
has a longer pin. I suspect that what is happening is that you have a
'short one' and so no connection to the radio. Thus you get no transmit
power output. On receive, there is likely enough capacity coupling to
let strong signals get on into the radio and so it appears to be working.

It does NOT happen with the factory RD
>ant. nor my SMA 1/4 wave dual band whip (COMET).

Might be interesting to look at the sma part of the two antenna's and
compare to the adaptor you picked up.....

Then again maybe there is something wrong with the radio and you should
sell it cheaply.... Please contact me direct if this is your choice...

Jim Baremore
_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

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48. [htaprs] airport list

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Fri, 9 Apr 1999 22:22:41 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14953-1999.04.09-21.25.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok boys and girls, it's the size of a dollar bill, and 2.65k as a PDF
file...

Wes - NOTE NEW EMAIL ADDRESS
  kd4rdb@qsl.net
  http://www.qsl.net/kd4rdb

Where am I?
   http://map.aprs.net/kd4rdb-9
   http://map.aprs.net/kd4rdb-10

-----Original Message-----
From: Harry Burford <hburford@airmail.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Friday, April 09, 1999 6:23 PM
Subject: [htaprs] Kenwood D7 Firmware Upgrade Turnaround

>Just received the Kenwood TH-D7A back from the factory today after
>completing the firmware upgrade. I sent it 2 day on 3/30 and it got there
>on 4/1. Was returned today 4/9. Anyone looking to do an upgrade on their
>own radio, ten days from door to door might be a good estimate. I only
sent
>them the radio and didn't include the antenna, battery, or any accessories.
>Like any product return, it makes sense to include a detailed letter in
your
>package describing exactly why you are sending the radio, what you are
>sending, and how to handle the return. Don't give the vendor anything to
>guess about.
>
>Can't tell any difference so far, but I am planning to use one of the
Garmin
>GPS-35 units that this new firmware is to fix. Interesting that none of my
>memory entries changed, even had my last POS entry. I sure would have

>thought that a master reset would have been in order when doing a firmware
>update, guess not.
>
>I'm sure happy with my Kenwood service experiences so far.
>
>Harry, KAØTTY
>
>
>---
>You are currently subscribed to htaprs as: KD4RDB@BELLSOUTH.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
[Attachment: airport.PDF; application/pdf; 2,717 bytes]

49. [htaprs] dGPS and the D7E/D7A

From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Wed, 07 Apr 1999 20:34:50 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14980-1999.04.10-01.20.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day,

Has anyone tried dGPS with the TH-D7[EA]?

Also are there any NMEA sentences that allow you to send dGPS
information to the GPS. My GPS is a Garmin 12, and only has one serial
input. If I connect it to the data output on the D7E, I will not get
waypoints displayed, and if I connect it to the serial out on the GPS
conncetor, I will not get dGPS. Is this true?

Many thanks

Darryl Vk2TDS
Sydney, Australia

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50. [htaprs] TH-D7[?]

From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Sat, 10 Apr 1999 09:38:35 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14981-1999.04.10-01.20.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day,

I have just got my HT-D7[AE?] and I thought I would report my
findings.... Please keep in mind that this is probably the first TH-D7
in Australia to reach a dealer, and the dealer got the radio from
Kenwood Australia. The serial number is 01000518 for your information.
It is being sold as a TH-D7E.

Firstly, the radio did not come with a power adapter or a power lead. As
far as I can tell the manual does not even list the size of the power
adapter.

The transmit ranges in the manual for the TH-D7E are listed as being
144-146 and 430-440 MHz. With my radio, it will actually transmit in the
whole of the Australian 2M band (144-148 MHz). The radio has a call
channel which is not a feature of the TH-D7E.

I cannot work out what the specs are for the 118-136 MHz. I think I have
AM recieve capability, which is a function of the TH-D7A. I cannot
access SkyCommand II or Remote Access.

I suspect that this is radio is a TH-D7A with modified transmit range
and disabled features.

I just pasted the GPS strings from
http://www.qsl.net/n6qab/n6qabgps1.htm to my TH-D7. The results were not
expected. The GPS strings that FAILED with the old version of the
firmware failed with my unit. The ones which passed with the old
firmware passed with mine.

Of the diodes for the 'Green Wire' mod, only D503 appears to be intact.
Cutting the Green Wire does not seem to affect the radio. This is
unfortunate as I can transmit with the radio only in 1/3rd of the
Australian 70cm Band (Except near Sydney for the next year or so as 10
MHz is being used for the Olympics in Sydney).

I really like this radio. But I will ring Kenwood Australia on Monday
asking about a firmware upgrade... Oh, and I am reviewing this radio
for Austrlias largest Ham Radio magazine. I got my TH-D7 commercially
before the magazine even knew they were in the county....

Darryl Smith Vk2TDS
Sydney Australia

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51. [htaprs] Darryl's New D7(E, A Whatever)

From: rwf <rwf@BSRG.org>
Date: Sat, 10 Apr 1999 08:52:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14997-1999.04.10-08.28.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How are you planning to charge the battery when it runs down?
Maha universal charger?

At 09:38 AM 04/10/1999 +1000, you wrote:

>Firstly, the radio did not come with a power adapter or a power lead. As
>far as I can tell the manual does not even list the size of the power
>adapter.

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52. [htaprs] Re: SMA to BNC CONNECTOR Problem

From: John Vause <jdv@iglou.com>
Date: Sat, 10 Apr 1999 10:12:53 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-15002-1999.04.10-09.14.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My Th-D7A experienced this same behavior after I overtightened the stock
antenna onto the radio. The problem showed up just as Paul stated except
that RX was also affected. RX signal was down using stock antenna but
SMA-BNC adapter/BNC HT, Premier RD-9 and Comet SMA24 antennas received
fine. What should have clued me was that I also had problems with two
other different SMA-BNC adapters as well as the stock antenna.
I checked the SMA connector on the stock antenna as well as an RD-9 and
SMA24 antenna and several SMA adapters. I found that the SMA connectors
on the RD-9 and RD-24 have long center pins with no shoulder but that
the center pin on the stock antenna was narrower than on the aftermarket
antennas and had a shoulder about 1/16 inch from the end of the pin. I
checked the SMA connector on the radio and found that the fingers that
contact the pin were spread slightly and the ends of the fingers were
covered by the insulator (teflon?). Evidently in overtighting the stock
antenna, the shoulder on the stock antenna managed to swage the
insulator over the top of the contact fingers, at the same time
spreading the contact fingers to the point where they would not make
contact with the center pin on the stock antenna and several of the
SMA-BNC adapters with narrower center pins. Talk about tight tolerances!

Solution: DO NOT USE excessive force if you try this! You are working
with close tolerance parts. I used a sharp flat-blade 3/32" screwdriver
to GENTLY shave the teflon insulator off of the top of the contact

fingers. DO NOT DIG half the insulator out of the connector. It's not
necessary. Only a tiny amount of material needs to be removed. I then
used a 3/64" flat-blade screwdriver to push the contact fingers SLIGHTLY
closer together.
After doing the above operations, all my antennas(stock and
after-market) and SMA-BNC adapters work fine.

As always, YMMV. :-)

73

Jim Baremore wrote:
>
> On Fri, 9 Apr 1999 9:54:32 "Paul DeCicco" <pdecicco@hughes.net> writes:
> >I am using an SMA to BNC adapter of an undetermined brand on my
> >TH-D7a.
> >When I tighten up on the connector, something seems to be shorting and
> >
> >although there is a transmit indication, no signal is transmitted.
> >Receive does not seem to be affected.
>
> I found out the hard way after buying a lot of surplus stuff there are
> two different SMA connectors and one has a very short pin and the other
> has a longer pin. I suspect that what is happening is that you have a
> 'short one' and so no connection to the radio. Thus you get no transmit
> power output. On receive, there is likely enough capacity coupling to
> let strong signals get on into the radio and so it appears to be working.
>
> It does NOT happen with the factory RD
> >ant. nor my SMA 1/4 wave dual band whip (COMET).
>
> Might be interesting to look at the sma part of the two antenna's and
> compare to the adaptor you picked up.....
>
> Then again maybe there is something wrong with the radio and you should
> sell it cheaply.... Please contact me direct if this is your choice...
>
> Jim Baremore
> ____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>

--
* John Vause KF4ERV jdv@igloudot.com *
NOTE: email address altered for benefit of Spambots
"Unlike computers, guns don't have Y2K problems..."
--

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] TH-D7A vs TH-D7E

From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Sun, 11 Apr 1999 13:08:46 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15058-1999.04.10-21.16.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day,

I have just opened up the transmit range of my radio to the full
capability of the radio. That is not all that interesting. What is
interesting is what else happened...

But before I come to that I will let you know that the only diode in the
radio was the D503 diode. Before the mod, I had 430-440 MHz and 144-148
MHz transmit, AM and FM on 118 MHz, and a call channel. I did not have
Sky Command or Wireless Remote Control.

I then added a diode at D507. This changed the personality of my radio.

Now I have transmit from 136-174MHz and 400-480 MHz (I only needed
420-450, but such is life). But the real interesting part is what else
happened to the radio. It now has lost the call channels. This is
unfortunate but not too bad. But I now have the 1750 Hz capability and
narrow channels.

This leads me to the opinion that the TH-D7A and the TH-D7E are the same
radio, just programmed differently with the diodes...

So, all that is needed for USA hams is probably to change the diodes if
they are visiting europe. This leads to another question though about
the firmware upgrade.....

We have always assumed that the reason why the firmware upgrade is not
offered for europe is becuase they have not developed it yet. What I
have found tends to indicate that the two models are basically identical
in firmware. Therefore why is kenwood not upgrading the TH-D7E's?

Thanks to Walter Dunkel for the help in geting my TH-D7 to transmit over
the entire Australian 70CM band. The mod involved ADDING a diode, which
is not easy because I have seen larger bread crumbs than the surface
mount diode. I managed to add a 1N914 diode (Black stripe pointing
towards the bottom of the radio) to the unit, and it still works...

Darryl VK2TDS
[Attachment: smime.p7s; application/x-pkcs7-signature; 2,491 bytes]

54. [htaprs] Re: TH-D7A vs TH-D7E

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 10 Apr 1999 23:00:47 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-15063-1999.04.10-22.21.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 11 Apr 1999, Darryl Smith wrote:
snip
> This leads me to the opinion that the TH-D7A and the TH-D7E are the same
> radio, just programmed differently with the diodes...
>
> We have always assumed that the reason why the firmware upgrade is not
> offered for europe is becuase they have not developed it yet.
> ...Therefore why is kenwood not upgrading the TH-D7E's?

This is ONLY SPECULATION... but, the big difference in packet in Europe is
that they use DAMA and we dont... DAMA is a TNC function and very popular
in EUrope. My guess is that any mods to the EUropean radio are more
involved than just the 3 bug fixes in the A model...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Software control of the D7A

From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Sun, 11 Apr 1999 21:36:29 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15124-1999.04.11-05.46.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi there...

Has anyone else had a look at the instructions sent by the Kenwood
software to the TH-D7? I just did a quick monitor of the session. It
appears that the instructions to set or read memory are just sent as
comma delimited commands followed by a CR.

For example I believe to set the VCO is
    W 2,0014485000,6,0,0,0,0,,09,,09,000600000,0<CR>

This has interesting applications, like making it a whole lot easier to
track Doppler shifts on satellites under program control. It could also
be instructed to change frequencies. Other commands include DTB, MES,
CNT, BEP, ICO, PC, PV etc. It is interesting to look at it all. I do not
believe it would be too hard to work out what all the instructions
were...

Darryl Vk2TDS
Sydney, Australia

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] HELP

From: Michael A Kantor <kd4emi@juno.com>
Date: Sun, 11 Apr 1999 17:54:54 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15331-1999.04.11-17.06.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HELP

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

57. [htaprs] help

From: Michael A Kantor <kd4emi@juno.com>
Date: Sun, 11 Apr 1999 17:59:03 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15338-1999.04.11-17.10.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I need help getting on this list.
What is the command to subscribe ?
Thanks
Mike

_____
Check out my Homepage featuring Palm Pilot-GPS-Ham Radio applications.
http://hometown.aol.com/kd4emi/page/index.htm
  Member APRS WEBRING

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] No Location..??..

From: Ron Walther <rascal@azstarnet.com>
Date: Sun, 11 Apr 1999 21:44:27 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15437-1999.04.11-23.50.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Evening Siggers;

I just received my D7 on Friday and made immediate attempts at configuring
it...

I don't have a cord made up yet for the interface to my GPS unit but I did
input my Lat/Lon...When I transmit, I do not get a location, what I do get
is illustrated below....Can anyone come up with a suggestion of what I'm
doing wrong...I think I followed the manual to the letter...but, who
knows..??..I really do need some help....and, what is the "S2QWTU"..?..can
I change it..??..

W7AI-7>S2QWTU,W7AI*,WIDE/V:`'\pl ;/>

Thanks in advance,

73   Ron -- W7AI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Re: No Location..??..

From: Valentino Sarro VE6SZR <sarrov@cadvision.com>
Date: Sun, 11 Apr 1999 22:56:25 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-15439-1999.04.12-00.00.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There's nothing wrong with what your D7 is outputing.....

The D7 sends out its position data not in NMEA format, or even APRS format,
but its own format.....test it, fire up any APRS program and beacon your
location.....it will work just fine.

The S2QWTU is in fact, your location!

Tino.

Ron Walther wrote:

> Good Evening Siggers;
>
> I just received my D7 on Friday and made immediate attempts at configuring
> it...
>
> I don't have a cord made up yet for the interface to my GPS unit but I did
> input my Lat/Lon...When I transmit, I do not get a location, what I do get
> is illustrated below....Can anyone come up with a suggestion of what I'm
> doing wrong...I think I followed the manual to the letter...but, who
> knows..??..I really do need some help....and, what is the "S2QWTU"..?..can
> I change it..??..
>
> W7AI-7>S2QWTU,W7AI*,WIDE/V:`'\pl ;/>
>
> Thanks in advance,
>
> 73   Ron -- W7AI
>
> ---
> You are currently subscribed to htaprs as: sarrov@cadvision.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Valentino Sarro, VE6SZR
APRS: !5056.68N/11406.73W-PHG3330.DO20WW, SW Calgary
The Wild Rose Network
http://www.cadvision.com/grantd/WILDROSE.HTM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] computer connection cable filtering

From: "Paul Lantz" <plantz@onlink.net>
Date: Mon, 12 Apr 1999 0:27:22
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15453-1999.04.12-00.30.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Kenwood cable for connecting the TH-D7 to a computer does not seem to
be available in Canada.
I plan to make one - wondering if people have found it necessary to include
any filtering, if so what kind (toroid?).

73
Paul
VE3KBL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Re: PC Cable

From: "Paul Lantz" <plantz@onlink.net>
Date: Mon, 12 Apr 1999 0:30:18

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15454-1999.04.12-00.33.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Your message inspired me to check the cable for my Olympus DL-320 camera -
naturally the pin assignments were different....

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

62. [htaprs] My D7E is a D7A!!!

From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Mon, 12 Apr 1999 19:04:22 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15460-1999.04.12-03.13.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day....

I have just done a hardware hack on my D7E... I removed diode D503, and
added Diodes D502 and D508. This has made my D7E to all intents and
purposes a Th-D7A.

I now have Sky Command, Call Channels, Remote Controls and full receive
and transmit. When I did my last mod I got 1750 Hz, a 7.6MHz offset for
europe and narrow band transmission.

I am now quite sure that the two models are basically identical. I do
not know about DAMA in the D7E, but I suspect that is under diode
control too. In terms of radios, the major difference is that the D7A
comes with a 9.6V battery, whilst the D7E comes with the 6V battery.

It would be really neat to have a set of surface mount micro switches to
change the mode....

If you want to mod your radio with 1N914 diodes it is possible. Just
make sure they have no stresses placed on them when you put the radio
back together. Using these diodes makes the radio look like a mod has
been done..

Hope this helps

Darryl VK2TDS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] diode list wanted

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Mon, 12 Apr 1999 10:40:55 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15462-1999.04.12-03.45.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hello

does anyone have or know where to get a complete list of the efects that
removing or placing diodes has on the th-d7(a/e).
I know the efect of removing the green wire in both a and e version and
removing the 2 center diodes in the a version but there has to be much more.

73 de Andre PE1RDW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] Commands for PC control of the TH-D7

From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Mon, 12 Apr 1999 22:39:28 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15480-1999.04.12-06.48.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day

I have worked out what some of the commands to and from the TH-D7 are. They are listed below. Typing the command or the command folowed by the first paramater will usually return the present state of the data. No data is echoed until the CR is pressed. The TNC must be in APRS mode or turned off to run.

I am still workong on the commands - trying to work out what changes when. I do know that this radio had the potential to become something like WinRADIO. It is screaming out for a real time PC interface. You can do almost anything from the serial port, and tell when almost anything has changed... It is really amazing. The radio will even output the recieve signal level when the squelch opens, and the transmit power...

Daryl Vk2TDS

```
BY [0|1],[0|1]            Squelch opened [A|B],[CLOSED|OPEN]

BAL [0-4]                 Balance - A Only = 0, B only = 4, Even = 2

REV [0|1]                 Reverse On = 1

TNC [0|1]                 TNC On = 1, Off = 0

DL [0|1]                    1 = Both channels used

BC [0|1]                    Change Band to A or B (A = 0)

ID                            Returns "ID TH-D7"

AIP [0|1]                   Advanced Intercept Point - 1 = On

DUP [0|1]                 0 = Half, 1 = Full Duplex

BEL [0|1],[0|1]        Turns on/Off tone Alert [A/B],[OFF|ON]

TXH [0|1]                 TX Hold On/Off

MES HELLO!!        Power On Message

LK [0|1]                    Lock/Unlock radio [0=unlock]

LMP [0|1]                 Lamp ON/OFF 0 = off

PV [1-6],f,f                1=Air Band, 2 = VHF A, 3 = VHF B, 6 = UHF
                                    f = MHz only 5 digits 0 leading
                                Sets the VCO's, PV n returns the VCO


BUF ...
    [0|1],                    0 = Band A, 1 = Band B
    Frequency,             To the Hz, leading 0 to 99 GHz!!!
    Step,                     0 = 5 HKz, 1=6.25, 2=10, 3=12.5, 4=15,
5=20, 6=25, 7=30, 8=50, 9=100 KHz
    ???,
    Reverse,                1 = Reverse on
    Tone,                     1 = Tone On
    CTCSS,                  1 = CTCSS On
    ????,
    Tone Freq,              1 = 67Hz, 3=71.5Hz .... 39=250.5 Hz
    ????,
    CTCSS Freq,              1 = 67Hz, 3=71.5Hz .... 39=250.5 Hz
    Offset,                   As Frequency Above..
    Mode                    0 = FM, 1 = AM

    BUF 0 returns buffer 0.

SM [0,1],nn                [A|B] recieved signal strength. 05 is the
highest I have seen

BEP [0-3]                 BEEP. 0 = Off, 1 = Key, 2 = Key + New Data, 3 =
All

DTB [0|1]                 Data Band A/B

DS [0|1]                    DCD Sense 0 = Data Band Only

TXS [0|1]                 DTMF Send Speed 0 = Fast
```

CNT [08-16] Contrast of the screen 08 = default

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] RE: diode list wanted

From: "J. Scott Ratchford" <kc5jgv@bobcats2.oursc.k12.ar.us>
Date: Mon, 12 Apr 1999 08:19:14 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15524-1999.04.12-10.53.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What are the effects of a green wire removal in the 7A?

Good Day,
J. Scott Ratchford
General Manager Marshall Vega Corp.
Ham Radio - KC5JGV
Calf Creek Lodge #426

On Monday, April 12, 1999 3:41 AM, Schayk A.H. van [SMTP:A.H.Schayk@arcadis.nl] wrote:
> hello
>
> does anyone have or know where to get a complete list of the efects that
> removing or placing diodes has on the th-d7(a/e).
> I know the efect of removing the green wire in both a and e version and
> removing the 2 center diodes in the a version but there has to be much more.
>
> 73 de Andre PE1RDW
>
>
> ---
> You are currently subscribed to htaprs as: kc5jgv@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] Re: My D7E is a D7A!!!, (SORTA)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 12 Apr 1999 11:49:19 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-15532-1999.04.12-11.10.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 12 Apr 1999, Darryl Smith wrote:

> I have just done a hardware hack on my D7E... I removed and added diodes
> This has made my D7E to all intents and purposes a Th-D7A.

My understanding is that, yes, the diodes control the firmware
configuration, but there are hardware differences. The THD7A USA hardware
uses a 438-450 SAW filter for UHF and wide band LC filter for 400-438 and
450-480MHz. The THD7E uses 430-440 SAW filter for UHF and wide band LC
filter for 400-430 and 440-480MHz.

If you modify TH-D7E to USA freqs without changing SAW filter, the radio
becomes deaf around 430-435MHz, but you DO get Skycommand and Remote
Access in exchange for deaf 430-435MHz.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] Re: Commands for PC control of the TH-D7

From: David Nesting <fastolfe@fastolfe.net>
Date: Mon, 12 Apr 1999 15:29:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-15566-1999.04.12-15.33.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, Apr 12, 1999 at 10:39:28PM +1000, Darryl Smith wrote:
> G'Day
>
> I have worked out what some of the commands to and from the TH-D7 are.
> They are listed below. Typing the command or the command folowed by the
> first paramater will usually return the present state of the data. No
> data is echoed until the CR is pressed. The TNC must be in APRS mode or
> turned off to run.

Add:

SQ [0|1],[00-05]   Squelch setting [A|B],00-05 (00=open)

Do you have any idea how I can turn off the TNC while in packet mode?
Or how about turning ON the TNC/packet mode via this interface? I
realize nothing else would work, but it'd be nice to be able to toggle
and use the HT in either mode without requiring me to hit the button
myself.

You mentioned that you can tell when anything has changed with the
radio. Is this by way of checking the values of all of the settings
(polling them) or is the HT capable of sending messages when something
has changed (the squelch has opened, for example) without me having
to query it? If the latter is possible, mine doesn't do it. Perhaps
there is an additional command to enable it?

Thanks for the information!

David

--
 == David Nesting WL7RO Fastolfe david@fastolfe.net http://fastolfe.net/ ==

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] TASCO banner

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Mon, 12 Apr 1999 14:42:10 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15568-1999.04.12-15.45.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Whenever I try and connect to my remote and I receive a connected packet (while in TNC mode), I keep
getting the TASCO banner. Anyone have a similar problem?

Tom

69. [htaprs] Re: No Location..??..

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 12 Apr 1999 17:53:25 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15589-1999.04.12-16.57.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 4/12/99 12:44 AM, Ron Walther (rascal@azstarnet.com) passed this
wisdom:

>I just received my D7 on Friday and made immediate attempts at configuring
>it...
>
>I don't have a cord made up yet for the interface to my GPS unit but I did
>input my Lat/Lon...When I transmit, I do not get a location, what I do get
>is illustrated below....Can anyone come up with a suggestion of what I'm
>doing wrong...I think I followed the manual to the letter...but, who
>knows..??..I really do need some help....and, what is the "S2QWTU"..?..can
>I change it..??..
>
>W7AI-7>S2QWTU,W7AI*,WIDE/V:`''\pl ;/>

Thats a MIC_E encoding that the D7 uses

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "The illiterate of the 21st century will not be those who cannot read and
  write, but those who cannot learn, unlearn, and relearn."   -Alvin
Toffler

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] WinAPRS <-> THD7

From: "Chris verbil" <chris_verbil@trimble.com>
Date: Mon, 12 Apr 1999 17:55:44
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15604-1999.04.12-17.59.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I see on this list that several folks have been able to interface WinAPRS
with the Kenwood HT. I have not been so lucky, but evidently I am not
quite as smart as I think since I can't get it to work.

Would someone who is using the THD7 with WinAPRS e-mail me off the list so
I can get some basic questions answered?

Thanks,

Chris N5CV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] text-only airport list

From: wdr@world.std.com (William D Ricker)
Date: Mon, 12 Apr 1999 21:33:09 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15633-1999.04.12-20.36.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Stealing Wes's idea (and taking data from the same re-processing FAA
sources), I've compiled a list in the recommend format (but
including a leading 0 on longitude) automagically, and provide it in
TEXT format for _you_ to format as you like.
   (I could happily view Wes's PDF, except I subscribe via Digest mode,
and the mime-encoding is broken by that -- but it's bad form to do
attachments on email anyway.)
   You may take this list and format it with your MS-WORD or un*x pr -m
into as many columns as you like with as small a font as _your_ eyes
can stand.   You may delete as many airports as you think you'll
never visit too.
    As this is an extract of FAA freely available data, I make
no claim to copyright. In addition to the reference cited by Wes,
which is nicely reformatted versions of FAA's public database I
suspect, the StormChaser homepage (currently offline but due to return)
has/had an "everything.txt" file from WSI that includes lat/long/elev
for airports, NWS office / radars, upper-air reporting stations, and
hourly reporting stations (1500 airports) with both ICAO and IATA
callsigns. If this doesn't return to its proper home, I can provide a
stashed copy to TAPR, I guess.

The following list includes all airports that include "INTERNATIONAL"
in their registered name; and in those states without any such, those
that are REGIONAL. For the remaining few states (eg, RI, DE) I picked
the one I thought least insignificant (PVD & ILG), based on NWS codes I
recognized (forecast office (former) locations, as opposed to contract
reporting sites). When multiple fit the criteria, I've dropped any with
numerics in the airport code.
  For territories where either L/L is E or S, I've left it punctuated
DD-mmS/DDD-mmE, and ommitted the territory (American Samoa, Pago Pago,
PPG; Gaum, GUM; Midway / Sand Island / Hendersen Field MDY).

73 de Bill N1VUX
========%< - - - - clip - - here - - - -

```
SS AAA DDmm/DDDmm
SS=State
AAA=Airport
DDmm=Lat
DDDmm=Long
...
AL BHM 3333/08645
AL HSV 3438/08646
AK ANC 6110/14959
AK FAI 6448/14751
AK JNU 5821/13434
AK KTN 5521/13142
AZ IFP 3509/11433
AZ DUG 3128/10936
AZ PHX 3326/11200
AZ TUS 3206/11056
AZ YUM 3239/11436
AR BYH 3557/08956
CA CXL 3240/11530
CA FAT 3646/11943
CA LAX 3356/11824
CA OAK 3743/12213
CA ONT 3403/11736
CA PSP 3349/11630
CA SMF 3841/12135
CA SBD 3405/11714
CA SAN 3244/11711
CA SFO 3737/12222
CA SJC 3721/12155
CO DEN 3951/10440
CT BDL 4156/07240
DE ILG 3940/07536
DC IAD 3856/07727
FL DAB 2910/08103
FL FLL 2604/08009
FL RSW 2632/08145
FL FPR 2729/08022
FL JAX 3029/08141
FL EYW 2433/08145
FL MLB 2806/08038
FL MIA 2547/08017
FL MCO 2825/08118
FL PFN 3012/08540
FL PIE 2754/08241
FL SRQ 2723/08233
FL TPA 2758/08231
FL PBI 2640/08005
GA ATL 3338/08425
GA SAV 3207/08112
HI ITO 1943/15502
HI HNL 2119/15755
HI KOA 1944/15602
ID 1S1 4859/11630
IL ORD 4158/08754
IL LWV 3845/08736
IL MLI 4126/09030
IN FWA 4058/08511
IN IND 3943/08617
IN HUF 3927/08718
IA DSM 4132/09339
KS DDC 3745/09957
KS GCK 3755/10043
KY CVG 3902/08439
KY SDF 3810/08544
LA AEX 3119/09232
LA CWF 3012/09308
LA MSY 2959/09015
ME BGR 4448/06849
ME HUL 4607/06747
ME PWM 4338/07018
MD BWI 3910/07640
MA BOS 4221/07100
MI FNT 4257/08344
MI AZO 4214/08533
MI PTK 4239/08325
MI PHN 4254/08231
MI MBS 4331/08404
MI CIU 4614/08428
MN BDE 4843/09436
```

```
MN DLH 4650/09211
MN INL 4833/09324
MN MSP 4452/09313
MN RST 4354/09229
MN RRT 4856/09520
MS HSA 3022/08927
MS JAN 3218/09004
MS PQL 3027/08831
MO MCI 3917/09442
MO STL 3844/09021
MT BIL 4548/10832
MT GGW 4812/10636
MT GTF 4728/11122
MT FCA 4818/11415
MT MSO 4654/11405
NE GRI 4058/09818
NV LAS 3604/11509
NV RNO 3929/11946
NH PSM 4304/07049
NJ ACY 3927/07434
NJ EWR 4041/07410
NM ABQ 3502/10636
NM LRU 3217/10655
NY BUF 4256/07843
NY MSS 4456/07450
NY MSV 4142/07447
NY JFK 4038/07346
NY IAG 4306/07856
NY OGS 4440/07527
NY PBG 4439/07328
NY ROC 4307/07740
NY SYR 4306/07606
NY ART 4359/07601
NC CLT 3512/08056
NC GSO 3605/07956
NC RDU 3552/07847
NC ILM 3416/07754
ND FAR 4655/09648
ND GFK 4756/09710
ND MOT 4815/10116
ND ISN 4810/10338
OH AKR 4102/08128
OH CLE 4124/08150
OH LCK 3948/08255
OH CMH 3959/08253
OH DAY 3954/08413
OK TUL 3611/09553
OR LMT 4209/12143
OR MFR 4222/12252
OR PDX 4535/12235
PA ABE 4039/07526
PA ERI 4204/08010
PA MDT 4011/07645
PA PHL 3952/07514
PA PIT 4029/08013
PA AVP 4120/07543
RI PVD 4143/07125
SC CHS 3253/08002
SC GSP 3453/08213
SC MYR 3340/07855
SD ABR 4526/09825
SD HON 4423/09813
SD PIR 4422/10017
SD RAP 4402/10303
TN MEM 3502/08958
TN BNA 3607/08640
TX ALI 2744/09801
TX AMA 3513/10142
TX BSM 3011/09740
TX CRP 2746/09730
TX DFW 3253/09702
TX DRT 2922/10055
TX ELP 3148/10622
TX FTW 3249/09721
TX HRL 2613/09739
TX LRD 2732/09927
TX LBB 3339/10149
TX MFE 2610/09814
TX MAF 3156/10212
```

```
TX SAT 2932/09828
UT SLC 4047/11158
VT BTV 4428/07309
VA PHF 3707/07629
VA ORF 3653/07612
VA RIC 3730/07719
WA BLI 4847/12232
WA MWH 4712/11919
WA CLM 4807/12329
WA SEA 4726/12218
WA BFI 4731/12218
WA GEG 4737/11732
WV MRB 3924/07759
WI GRB 4429/08807
WI MKE 4256/08753
WY CPR 4254/10627
...
PR SJU 1826/06600
VI STT 1820/06458
VI STX 1742/06447
PPG 14-19S/170-42W
GUM 13-29N/144-47E
MDY 28-12/177-22W


---
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```

72. [htaprs] Re: diode list wanted

```
From: Walter Dunckel <wdunckel@best.com>
Date: Mon, 12 Apr 1999 19:18:44 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-15637-1999.04.12-21.25.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This information can be found at:
http://www.best.com/~wdunckel/thd7.html

"Schayk A.H. van" wrote:
>
> hello
>
> does anyone have or know where to get a complete list of the efects that
> removing or placing diodes has on the th-d7(a/e).
> I know the efect of removing the green wire in both a and e version and
> removing the 2 center diodes in the a version but there has to be much more.
>
> 73 de Andre PE1RDW
>
> ---
> You are currently subscribed to htaprs as: wdunckel@best.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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```

73. [htaprs] Re: Commands for PC control of the TH-D7

```
From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Tue, 13 Apr 1999 19:44:46 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-15694-1999.04.13-03.54.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day....

> Do you have any idea how I can turn off the TNC while in packet mode?
> Or how about turning ON the TNC/packet mode via this interface?  I
> realize nothing else would work, but it'd be nice to be able to toggle
> and use the HT in either mode without requiring me to hit the button
> myself.

I call that lazy... I will try to work it out though.... I just tried the D7
software with the radio in Big TNC mode. I could not get the software to talk
to the radio. I would guess this is not possible... It may be possible with one
of the undocumented commands....
```

> You mentioned that you can tell when anything has changed with the
> radio. Is this by way of checking the values of all of the settings
> (polling them) or is the HT capable of sending messages when something
> has changed (the squelch has opened, for example) without me having
> to query it? If the latter is possible, mine doesn't do it. Perhaps
> there is an additional command to enable it?
>

Whenever any of the immediate mode items change, like the frequency of the
radio, the radio sends the data out the serial port. But you first need to type

        AI 1<CR>

I did not realize I needed this yesterday...

> Thanks for the information!

There is more coming... I think I have about 75% of the protocol decoded... Not
bad since I only started yesterday.... Of course it helps being able to see the
items in the setup change without too much trouble...

I will post a message tonight or tomorrow giving my status... I will continue
to work on the protocol for the next few hours...

Darryl
Sydney, Australia

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74. [htaprs] Can memories handle VHF/UHF splits?

From: "Paul Lantz" <plantz@onlink.net>
Date: Tue, 13 Apr 1999 6:10:14
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15699-1999.04.13-06.13.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have not been able to set up a memory on D7 for split VHF/UHF operation.
Memories seem to be limited to one band only. It does not seem possible to
set up 146.520/446, for example, in a memory. I tried using band B with its
2m subband feature but still could not get the memories split.
I wanted to do this for AO-27 operation. It was suggested in a Jan 98 QST
article last year by Ray Soifer W2RS. He used an FT-50 with a set of five
memories set up to accomodate doppler shift. I found this an easy way to
get on AO-27 with my FT-50 and hoped that it would be possible to do the
same with a D-7.
thanks
Is there a way of doing this?

Paul
VE3KBL

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75. [htaprs] Two D7 Questions

From: John Ackermann <jra@febo.com>
Date: Tue, 13 Apr 1999 10:29:49 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15719-1999.04.13-09.33.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Been having fun playing with the D7 (it arrived just before a trip, so I've
been popping up from strange western US places).

Two questions for the experts:

1. Is there any way to delete messages from the "MSG" function? It seems
like they're stuck there forever, and the delete procedure for the station
list doesn't work for messages.

2. I'm really frustrated by the display/band setup. It appears that if I
put data on band A, then band B lets me operate voice on either 2m or 70cm,

but I have no out of band RX. If I put data on band B, then I have expanded
RX on 2m, but no access to 70cm at all.

    Is there any way (a diode mod?) to change this behaviour so that I can
get the voice band to allow both 2m and 70cm, and give me wideband RX???
(I don't care about out of band TX). Unless I can get this worked out, I
don't think I can sell my other HT and rely on the D7 for all my handheld
needs :-(

Thanks for any answers to either of these questions.

John N8UR (N8UR-7, currently in Tucson, AZ)
jra@febo.com

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76. [htaprs] Re: Two D7 Questions

From: "Don Boekenkruger" <ve7cbt@home.com>
Date: Tue, 13 Apr 1999 08:13:28 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15728-1999.04.13-10.15.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

#1 seems to be a feature they just plain forgot to do...

#2 is a limitation of the radio. You'll just have to do as I do and swith
everything around whern you want to have out of band RX on VHF & do APRS...
Unless there's activity on the UHF APRS frequency in your area...

Don Boekenkruger, VE7CBT

----- Original Message -----
From: John Ackermann <jra@febo.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Tuesday, April 13, 1999 7:29 AM
Subject: [htaprs] Two D7 Questions

> Been having fun playing with the D7 (it arrived just before a trip, so
I've
> been popping up from strange western US places).
>
> Two questions for the experts:
>
> 1. Is there any way to delete messages from the "MSG" function? It seems
> like they're stuck there forever, and the delete procedure for the station
> list doesn't work for messages.
>
> 2. I'm really frustrated by the display/band setup. It appears that if I
> put data on band A, then band B lets me operate voice on either 2m or
70cm,
> but I have no out of band RX. If I put data on band B, then I have
expanded
> RX on 2m, but no access to 70cm at all.
>
>   Is there any way (a diode mod?) to change this behaviour so that I can
> get the voice band to allow both 2m and 70cm, and give me wideband RX???
> (I don't care about out of band TX). Unless I can get this worked out, I
> don't think I can sell my other HT and rely on the D7 for all my handheld
> needs :-(
>
> Thanks for any answers to either of these questions.
>
> John N8UR (N8UR-7, currently in Tucson, AZ)
> jra@febo.com
>
>
>
> ---
> You are currently subscribed to htaprs as: DONB@DIRECT.CA
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

```
---
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```

77. [htaprs] TH-D7 Protocol Specification

```
From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Tue, 13 Apr 1999 21:35:10 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15765-1999.04.13-15.15.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

Darryl Smith, VK2TDS

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freely copied by amateurs
for non-commercial purposes with acknowledgment...

All strings that are bad return N<CR> Strings that are valid return
various strings depending on
the specific function. The communication paramaters are generally
9600,8,N,1. There are holes in this
document. However I believe it is now relativey complete.

There are a few areas with ??? indicating that more work is needed. I
have not worked out about
split frequencies yet. Some of the options will only return values in
response to a user input. To the
best of my knowledge I have not violated any of Kenwood's Trade Secrets.
I have not decompiled
any code. All I have done is monitored serial strings going both ways.

```
AI [0|1]  Turns on Advanced functions - Reporting information

SQ [0|1],[00-05]                Squelch setting [A|B],00-05 (00=open)

BY [0|1],[0|1]             Squelch opened [A|B],[CLOSED|OPEN]

BAL [0-4]                 Balance - A Only = 0, B only = 4, Even = 2

REV [0|1]                 Reverse On = 1

TNC [0|1]                 TNC On = 1, Off = 0

DL [0|1]                    1 = Both channels used

BC [0|1]                     Change Band to A or B (A = 0)

ID                             Returns "ID TH-D7"

AIP [0|1]                    Advanced Intercept Point - 1 = On

DUP [0|1]                 0 = Half, 1 = Full Duplex

BEL [0|1],[0|1]        Turns on/Off tone Alert [A/B],[OFF|ON]

TXH [0|1]                 TX Hold On/Off

MES HELLO!!        Power On Message

LK [0|1]                    Lock/Unlock radio [0=unlock]

LMP [0|1]                 Lamp ON/OFF 0 = off

PV [1-6],f,f                1=Air Band, 2 = VHF A, 3 = VHF B, 6 = UHF
                                    f = MHz only 5 digits 0 leading
                                Sets the VCO's, PV n returns the VCO


BUF ...
    [0|1],                    0 = Band A, 1 = Band B
    Frequency,             To the Hz, leading 0 to 99 GHz!!!
    Step,                     0 = 5 HKz, 1=6.25, 2=10, 3=12.5, 4=15,
5=20, 6=25, 7=30, 8=50, 9=100 KHz
    ???,
    Reverse,                1 = Reverse on
    Tone,                     1 = Tone On
    CTCSS,                  1 = CTCSS On
```

```
    ????,
    Tone Freq,              1 = 67Hz, 3=71.5Hz .... 39=250.5 Hz
    ????,
    CTCSS Freq,              1 = 67Hz, 3=71.5Hz .... 39=250.5 Hz
    Offset,                   As Frequency Above..
    Mode                    0 = FM, 1 = AM

    BUF 0 returns buffer 0.

SM [0,1],nn               [A|B] recieved signal strength. 05 is the
highest I have seen

BEP [0-3]                BEEP. 0 = Off, 1 = Key, 2 = Key + New Data, 3 =
All

SCR [0-2] Scan Resume - 0=Time, 1 = Carrier, 2 = Seek

DTB [0|1]                Data Band A/B

DS [0|1]                    DCD Sense 0 = Data Band Only

TXS [0|1]                DTMF Send Speed 0 = Fast

CNT [08-16]            Contrast of the screen 08 = default

APO [0-2] Auto Power Off, 0=Off, 1 = 30 min, 2 = 60min

ARO [0|1] Auto Repeater Offset 0=Off 1 = 0n

TXS [0|1] TX Inhibit 0=Off, 1=On

ELK [0|1] Tune Enable 0=Off, 1 = On

SV [0-9]  Battery Save, 0=Off, 1=0.2Sec 2=0.4, 3=0.6, 4=0.8, 5=1.0, 6=2,
7=3, 8=4, 9=5


MYC N0CALL  APRS Callsign

STAT Hello  Status Text

POSC   Position Comment - 0=Off Duty, 1=Enroute, 2=In Service
   3=Returning, 4=Committed, 5=Special, 6=Priority, 7=Emergency

GU [0|1]   GPS Unit    1=NMEA GPS

MP   My Position
   1234560N12345670W        N 0=North, 1=South   W 0=East 1=West
   North/South = 12 deg 34.56 minutes
   East/West = 123 deg 45.67 minutes


ICO [0],[0-9]  Icon. Only 0 for first digit seems to work. 0=Kenwood W,
1=Runner
   2=House, 3=Tent, 4=Boat - Sail, 5=SlowScan, 6=Plane, 7=Speedboat
   8=Car, 9=bicycle

UNIT [0|1]  0 = Miles/F, 1=Km and Celcius (1 Should be the default :-)

DTX [0-2]  ?????

ARL   ?????

TYD   ????

MR [0],[0],nnn  Reads memory nnn. nnn may be in the form 018, or L7
   Returns a MR string of the same form of BUF above, or form below.
   I do not know...

MW   Memory Write... Needs a lot more work
    0,
   nnn,   Channel
    Frequency,            To the Hz, leading 0 to 99 GHz!!!
    Step,                    0 = 5 HKz, 1=6.25, 2=10, 3=12.5, 4=15,
5=20, 6=25, 7=30, 8=50, 9=100 KHz
    ???,
    Reverse,               1 = Reverse on
    Tone,                    1 = Tone On
    CTCSS,                 1 = CTCSS On
```

```
    ????,
    Tone Freq,              1 = 67Hz, 3=71.5Hz .... 39=250.5 Hz
    ????,
    CTCSS Freq,              1 = 67Hz, 3=71.5Hz .... 39=250.5 Hz
    Offset,                   As Frequency Above..
    Mode,                    0 = FM, 1 = AM
    0


MWA   ????

MNA [0],nnn,Name Names a memory. nnn of form 015 or L6. Name = max 8
characters

DM cc,nn..nnn  DTMF Write. Writes Channel cc with nn..nnnn
    ex. DM 01,12345 stores 123456 in DTMF memory 01

DMN cc, NAME  DTMF Channel Name. Names the Channel
    ex. DMN 01,HELLO names DTMF memory 01 HELLO

NSFT   ????

TSP   ????

PT   ????

UPR APK001  APRS Group

TXI   ?????

PP Path   APRS Packet Path

SMY   Asks if your unit has Sky COmmand?

SMC   ????

MAC n   My Call Colour  0=Black, 1=Blue, 2=Red, 3=Magenta,
   4=Green, 5=Cyan, 6=Yellow

SMSG Hello  SSTV Message

RSV Hello  RSV Message

RSC [0-7]  ?

SCC N0CALL  Sky Command Callsign

SCT N0CALL  Sky Command To Callsign

SKTN nn  Sky Command Tone, As CTCSS

VMC 0,0   ????

VMC 1,0   ????


Thanks to  David Nesting WL7RO Fastolfe david@fastolfe.net
http://fastolfe.net/ == for SQ
[Attachment: smime.p7s; application/x-pkcs7-signature; 2,491 bytes]
```

78. [htaprs] Re: TH-D7 Protocol Specification

```
From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Tue, 13 Apr 1999 15:17:22 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15767-1999.04.13-15.21.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

MOST interesting!!

This could lead in a lot of directions

Great work Daryl!



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```

79. [htaprs] Re: text-only airport list

From: wdr@world.std.com (William D Ricker)
Date: Tue, 13 Apr 1999 17:08:35 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org (HT APRS list at TAPR)
Message-ID: <LYR845-15779-1999.04.13-16.12.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The list I'd mentioned as an alternate source for local/regional
airport Lat/Longs, the list of all NWS-affiliated reporting sites, with
elevations (WFO's, NEXRAD 88d radars, upper-air stations and hourly
reporting stations -- 1500 airports) is available again at
   http://www.stormchaser.niu.edu/chaser/everything.txt (121k)
the new site for Storm Chaser's homepage,
with main pages "Storm Chasers Homepage"
   http://www.stormchaser.niu.edu/chaser/chaser.html
and for technical weather data (not quite raw, but not pre-digested),
the Storm Machine
   http://www.stormchaser.niu.edu/machine/machine.html

(I'd failed to update my link when it moved cross campus from
Geography to Meterology, sorry for the delay.)

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr   to those who own one."--A.J.Liebling

---
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80. [htaprs] icons for the kenwood ht TH D7a

From: "carl szentes" <n9ibd.szentes@worldnet.att.net>
Date: Tue, 13 Apr 1999 15:59:21 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15783-1999.04.13-16.16.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Hello, name here is Carl.
>
> The following two questions have to do with programming the Kenwood TH
D7A.
>
> I have been trying to set an "icon" of my selection in the program setup,
> but all I get out (as viewed on my aprs-sa software on another radio) is a
> sailing boat.   Has this been a similar experience of other users, or
is
> something left out of the instruction book or I am not understanding?
>
> When I view the data from the tnc on this other radio, there are some
> combinations of characters, which probably define this icon, but I am not
> knowledgeable yet of this shortcut.
>
> Question two; where can I find more detail on these unique codes, icons
and
> or methodology that I want to be correct in using?
>
thanks for reading this

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81. [htaprs] Re: Can memories handle VHF/UHF splits?

From: Valentino Sarro VE6SZR <sarrov@cadvision.com>
Date: Tue, 13 Apr 1999 17:29:42 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-15808-1999.04.13-18.33.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

you cannot do a split VHF/UHF function in a D7.....

Tino.

Paul Lantz wrote:

> I have not been able to set up a memory on D7 for split VHF/UHF operation.
> Memories seem to be limited to one band only. It does not seem possible to
> set up 146.520/446, for example, in a memory. I tried using band B with its
> 2m subband feature but still could not get the memories split.
> I wanted to do this for AO-27 operation. It was suggested in a Jan 98 QST
> article last year by Ray Soifer W2RS. He used an FT-50 with a set of five
> memories set up to accomodate doppler shift. I found this an easy way to
> get on AO-27 with my FT-50 and hoped that it would be possible to do the
> same with a D-7.
> thanks
> Is there a way of doing this?
>
> Paul
> VE3KBL
>
> ---
> You are currently subscribed to htaprs as: sarrov@cadvision.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Valentino Sarro, VE6SZR
APRS: !5056.68N/11406.73W-PHG3330.DO20WW, SW Calgary
The Wild Rose Network
http://www.cadvision.com/grantd/WILDROSE.HTM

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] TH-D7 control program

From: Walter Dunckel <wdunckel@best.com>
Date: Tue, 13 Apr 1999 22:34:52 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-15888-1999.04.14-00.41.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to the information from Darryl Smith, I have written a small
(65K) control program for the TH-D7. Sorry, the program only works with
Win 95, 98 and possibly NT. This program does some of the basics as far
as monitoring is concerned, and has a lot to be desired. But it does
give you an idea of what is possible with control programs.

This program can be downloaded from:
http://www.best.com/~wdunckel/thd7.exe
or from the bottom of:
http://www.best.com/~wdunckel/thd7.html

Walter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] Fwd: TH-D7 control program

From: zr5dwc@iafrica.com
Date: Wed, 14 Apr 99 08:31:16 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-15893-1999.04.14-03.35.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Brad I have subscribed to an intrest group aimed at the
d7 here is some of the stuf I have got. This is to do with
pc controling not programing but controling the d7

Cheers Peter

Forwarded Message:
> To: "TAPR HT APRS Special Interest Group"
<htaprs@lists.tapr.org>
> From: Walter Dunckel <wdunckel@best.com>
> Subject: [htaprs] TH-D7 control program
> Date: Tue, 13 Apr 1999 22:34:52 -0700

> -----
<pre>
Thanks to the information from Darryl Smith, I have written
a small
(65K) control program for the TH-D7. Sorry, the program
only works with
Win 95, 98 and possibly NT. This program does some of the
basics as far
as monitoring is concerned, and has a lot to be desired.
But it does
give you an idea of what is possible with control programs.

This program can be downloaded from:
<a
href="http://www.best.com/~wdunckel/thd7.exe">http://www.bes
t.com/~wdunckel/thd7.exe
or from the bottom of:
<a
href="http://www.best.com/~wdunckel/thd7.html">http://www.be
st.com/~wdunckel/thd7.html

Walter

You are currently subscribed to htaprs as:
zr5dwc@iafrica.com
To unsubscribe send a blank email to leave-htaprs-
8603M@lists.tapr.org

</pre>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Th-D7 Protocol... Consolodated...

From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Wed, 14 Apr 1999 19:40:08 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15894-1999.04.14-03.48.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day,

I have placed the consolidated Th-D7 programming information on my WWW
page. The link appears below. Many thanks to David Nesting, WL7RO for
all his help with this. It is now up to all of you to test this spec,
and also to write software for the radio...

We still have not worked out what TYD does, and there is an issue of TXS
vs. TSP... But these are just things to be tidied up...

The link is http://www.ozemail.com.au/~vk2tds/d7.htm

Have fun...
Darryl VK2TDS
Sydney, Australia

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Re: diode list wanted

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Wed, 14 Apr 1999 12:00:18 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15899-1999.04.14-05.04.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op dinsdag 13 april 1999 4:19, heeft Walter Dunckel [SMTP:wdunckel@best.com]
geschreven:
> This information can be found at:
> http://www.best.com/~wdunckel/thd7.html

>
> "Schayk A.H. van" wrote:
> >
> > hello
> >
> > does anyone have or know where to get a complete list of the efects that
> > removing or placing diodes has on the th-d7(a/e).
> > I know the efect of removing the green wire in both a and e version and
> > removing the 2 center diodes in the a version but there has to be much
more.
> >
> > 73 de Andre PE1RDW
> >
Thanks, it's great

however :)

What is the effect of no diodes?
There seems to be a smal error in the taiwan config (70cm) 430 - 430? is
this 430 - 440 or 430 - 450.

one error is this long list is not bad, good work Walter.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] Re: TH-D7 control program

From: David Nesting <fastolfe@fastolfe.net>
Date: Wed, 14 Apr 1999 02:59:47 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-15924-1999.04.14-08.03.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm in the process of writing a Perl module that implements all of the
functions available here along with the ability to specify callback
functions for events triggered by the D7. This should allow Perl
scripts to be built with muchos ease.

Examples:

```
# Open the D7
my $D7A = new THD7 ("/dev/ttyS0");

# Switch to band A
$D7A->Band(BAND_A);

# Get current band
print "Current band is: " . $D7A->Band;

# Set up named callback function every time band is switched
$D7A->Band(\&band_switch);
sub band_switch {
        my $band = shift;
        print "Band was just switched to $band.\n";
}

# Set up anonymous subroutine every time band is switched
$D7A->Band(sub { print "Band was switched!\n" });

$D7A->Poll;
```

More information will be available as the project progresses. This
shouldn't take much longer than a day or two. Let me know if there's some
usage semantics you'd like to see or questions about how it can be used.

David

On Tue, Apr 13, 1999 at 10:34:52PM -0700, Walter Dunckel wrote:
> Thanks to the information from Darryl Smith, I have written a small
> (65K) control program for the TH-D7. Sorry, the program only works with
> Win 95, 98 and possibly NT. This program does some of the basics as far
> as monitoring is concerned, and has a lot to be desired. But it does
> give you an idea of what is possible with control programs.
>
> This program can be downloaded from:
> http://www.best.com/~wdunckel/thd7.exe

> or from the bottom of:
> http://www.best.com/~wdunckel/thd7.html
>
> Walter
>
> ---
> You are currently subscribed to htaprs as: wl7ro@fastolfe.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
 == David Nesting WL7RO Fastolfe david@fastolfe.net http://fastolfe.net/ ==

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

87. [htaprs] Re: Two D7 Questions

From: wdr@world.std.com (William D Ricker)
Date: Wed, 14 Apr 1999 13:00:35 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org (HT APRS list at TAPR)
Message-ID: <LYR845-15976-1999.04.14-12.04.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> 2. I'm really frustrated by the display/band setup. It appears that if I
> put data on band A, then band B lets me operate voice on either 2m or 70cm,
> but I have no out of band RX. If I put data on band B, then I have expanded
> RX on 2m, but no access to 70cm at all.

As I understand it:
You can have [D] on either one of A or B band-slots;
you can set DCD for either [D]-only or for Both bands.
You only get VHF extended receive in A.
You can only access 120Mhz AM in A, and that's the only alternate
band for A.
You only get UHF in B, with somewhat extended receive.

If you need Ext.receive VHF but don't need UHF at all, you could put
[D]/DCD on B not A and put APRS there, and use A for voice. If you
need extended receive for VHF an UHF and APRS simultaneously, well, you're
stuck -- you want both a tracker/TNC and a full scanner in one box, it
doesn't do everything! It's only got two VCOs not three (for a
guess, the UHF doubles for VHF by skipping a tripler).

An option for you to be able to use either UHF or VHF with extended
receive in both with continuous APRS would be set DCD-Both. Put the
APRS frequency in an easy to get to memory (either single-digit or high
end) and lock it out from search. Then whichever band-slot you need
extended receive on at the moment, will be available, once you swap the
other VFO into VHF memories and select APRS. A little clumsy, but you
can do it -- and by setting DCD-both once, you don't hve to go into
Menu to swap [D] from A to B and back.

It's a pretty good tracker and a pretty good scanner, as well as a
nice dual-bander. But it can't do all four at once, and I shouldn't
expect it to be best of breed in all of 'em! (So I'll probably get
around to resoldering the BNC connector on my scanner again
eventually...but in the meantime, I can hear some of what I'm missing.)

(Unfortunately for your specific application, it's a "scanner"
feature, the 120MHz AM receive, that "prevents" you from getting by
symmetry UHF-without-exentended in A. Since when I really want to
do scanning I can carry a scanner, I'd rather have the U-U option
than VHF-AM too, but I have so little use for UHF, it's not a real
problem for me.)

One final comment on re-use of the band-slot with [D] set:
If scanning with the [D] band, in TNC but not PACKET mode, make sure
BCON is off or TRANSMIT DISABLE is on to avoid blurting a beacon onto a
random open frequency! (But scanning a range of BBS frequencies with
BCON off with VFO scan limited by a U/L range is reasonable to search
for BBS traffic.)

73

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr   to those who own one."--A.J.Liebling

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

88. [htaprs] Re: Two D7 Questions

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Wed, 14 Apr 1999 12:21:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15979-1999.04.14-12.26.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> As I understand it:
> You can have [D] on either one of A or B band-slots;
> you can set DCD for either [D]-only or for Both bands.
> You only get VHF extended receive in A.
> You can only access 120Mhz AM in A, and that's the only alternate
> band for A.
> You only get UHF in B, with somewhat extended receive.

Correct.
If Kenwood had written the manual in english, the "bands" would be called
tuners, and it would be a lot less confusing.

BTW: The dcd both option means that the HT won't send a beacon unless the
squelch is closed on BOTH tuners. I usually leave it set on <D> only, and
live with the dropouts.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

89. [htaprs] Mouser currently out of stock on D7 Data cords

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Wed, 14 Apr 1999 18:53:30 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16026-1999.04.14-17.57.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just put an web-based order into Mouser last Friday for some data cords
and power cords for my D7. I got the partial order today, power cords
only. I received an email this afternoon saying that the 2.5 mm
right-angled stereo plug with shielded wire, Mouser part number 172-2010
 ($3.96 each) is currently out of stock and expected to be received back
in stock and available to be shipped 6 May.

Just thopught I would pass it along ...

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "99 percent of lawyers give the rest a bad name." -- somewhere on the net

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

90. [htaprs] Re: [Kenwood] TH-D7A packet using a Windows CE

From: wdr@world.std.com (William D Ricker)
Date: Wed, 14 Apr 1999 19:18:16 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: kenwood@qth.net (Kenwood list at QTH),
        htaprs@lists.tapr.org (HT APRS list at TAPR)
Message-ID: <LYR845-16035-1999.04.14-18.22.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> From: Steve Meserve <stevenme@MICROSOFT.com>

> I had the idea to use a Windows CE unit (Compaq h/w) as the terminal for my
> mini packet station, the Kenwood TH-D7A.

I presume you have a packet or dumb-terminal program for the CE?

(There's an APRS program for PalmPilot III in Beta, but none for CE
that I know of.)

> used the 3/32" 3 conductor plug with 4ft of wire provided in the box by

Which has been known to arrive DOA, so you had good luck with it.
(Word on the street is to get the similar but heavier duty part from
was it Mouser or Digikey? I forget.)

> the RF situation couldn't be worse. ... RF hash ...

> My guess is to use a torriod and
> wrap the cable around it, but I don't know how to calculate the
> torriod/windings to create a choke to cleanup this RFI. Any info is
> appreciated. 73's

So get the snap-open/closed torroids at RadShack or the local
hamfest (I keep a couple bags of different sizes & shapes araound)
and if half a turn doesn't do it, try two or three.

FYI, the TAPR SIG reflector htaprs@lists.tapr.org is the hot place for
TH-D7A/E discussions, even those not regarding APRS mode.
I'm cc:ing this there (from kenwood@qth) You can browse the archives
and subscribe at http://www.tapr.org . (TAPR of course also has the
APRS sig reflector for non-D7A APRS.)

73

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr   to those who own one."--A.J.Liebling

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

91. [htaprs] Re: TH-D7 control program

From: "Gary S. Bargholz" <N9UUR@execpc.com>
Date: Wed, 14 Apr 1999 22:35:03 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16078-1999.04.14-22.38.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Thanks to the information from Darryl Smith, I have written a small
> (65K) control program for the TH-D7. Sorry, the program only works with
> Win 95, 98 and possibly NT. This program does some of the basics as far as
> monitoring is concerned, and has a lot to be desired. But it does give you
> an idea of what is possible with control programs.

> Walter

Hello Walter,

No luck trying the program under Windows NT4 Service pack 4.
It came up with an "Unknown Error" box, and then quit.

73 Gary

_____

Gary Bargholz
http://www.execpc.com/~n9uur
AMSAT Area 9 Coordinator, Wisconsin
Chairman: W.A.R. The WI Association of Repeaters
Treasurer: M.R.C. The Milwaukee Repeater Club
Owner: N9UUR-10 Milwaukee APRServe IGate
_____

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

92. [htaprs] Re: TH-D7 control program

From: Walter Dunckel <wdunckel@best.com>
Date: Wed, 14 Apr 1999 22:11:43 -0700

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-16106-1999.04.15-00.20.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Had some small problems with the first version, like the fact it needed
a few dll's to run. I put everything together in a tight 1800kb package
(ok, not so tight). Everything can be installed (and uninstalled) fairly
easily.There are a few glitches, but it does give you an idea of what is
possible with control programs.

and ... added bonus - this does work with NT.

http://www.best.com/~wdunckel/thd7.html

"Gary S. Bargholz" wrote:
>
> > Thanks to the information from Darryl Smith, I have written a small
> > (65K) control program for the TH-D7. Sorry, the program only works with
> > Win 95, 98 and possibly NT. This program does some of the basics as far as
> > monitoring is concerned, and has a lot to be desired. But it does give you
> > an idea of what is possible with control programs.
>
> > Walter
>
> Hello Walter,
>
> No luck trying the program under Windows NT4 Service pack 4.
> It came up with an "Unknown Error" box, and then quit.
>
> 73 Gary

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

93. [htaprs] Re: TH-D7 control program

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 15 Apr 1999 07:30:45 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16126-1999.04.15-06.34.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 4/15/99 1:11 AM, Walter Dunckel (wdunckel@best.com) passed this
wisdom:

>Had some small problems with the first version, like the fact it needed
>a few dll's to run. I put everything together in a tight 1800kb package
>(ok, not so tight). Everything can be installed (and uninstalled) fairly
>easily.There are a few glitches, but it does give you an idea of what is
>possible with control programs.
>
>and ... added bonus - this does work with NT.
>
>http://www.best.com/~wdunckel/thd7.html

   hmmmmm ... at the risk of starting the old platform war ... doesn't
the figure 1800KB for a simple 65K control program _plus_ required DLLs
tell you something here? My guess is its written in Visual Basic. On the
Mac even in Real Basic that application wouldn't be any more than 300K,
and in CodeWarrior C++, I bet it would be not much more than half that
and not a single shared library in sight for either language!

Heck. I could write that in M$ C v5.1 for DOS in 75K or less! WinDoze is
still the industry leader in bloatware.

>"Gary S. Bargholz" wrote:
>>
>> > Thanks to the information from Darryl Smith, I have written a small
>> > (65K) control program for the TH-D7. Sorry, the program only works with
>> > Win 95, 98 and possibly NT. This program does some of the basics as far as
>> > monitoring is concerned, and has a lot to be desired. But it does give you
>> > an idea of what is possible with control programs.
>>
>> > Walter
>>
>> Hello Walter,
>>

>> No luck trying the program under Windows NT4 Service pack 4.
>> It came up with an "Unknown Error" box, and then quit.
>>
>> 73 Gary

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For my PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "...error reading WinOS. (A)bort, (R)etry, (M)acintosh?"

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

94. [htaprs] Re: Mouser currently out of stock on D7 Data cords

From: Jim Baremore <k5qq@juno.com>
Date: Wed, 14 Apr 1999 21:39:31 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, aprssig@lists.tapr.org
Message-ID: <LYR845-16138-1999.04.15-07.49.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 14 Apr 1999 18:53:30 -0400 "Brian B. Riley"
<brianbr@macconnect.com> writes:
>.... I received an email this afternoon saying that the 2.5 mm
>right-angled stereo plug with shielded wire, Mouser part number
>172-2010 ($3.96 each) is currently out of stock and expected to
>be received back in stock and available to be shipped 6 May.
>

Ditto here when I placed my order yesterday also.   I kept the power cord
order open but cancelled the data cords.

Any other sources folks have found??

Jim Baremore K5QQ
_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

95. [htaprs] Re: Mouser currently out of stock on D7 Data cords

From: bobj <bobj@mediaone.net>
Date: Thu, 15 Apr 1999 10:57:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-16162-1999.04.15-09.58.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try http://digitalcartography.com/

  He does a bunch of APRS ham related business.

   I'm not sure if he has what you need (molded 2.5mm jack on a shielded
cable) but there is a good chance.. He even has the connectors needed
to connect to my Garmin GPS III.. Saved a bunch of money not buying the
"GARMIN" cables at rip-off prices..

Jim Baremore wrote:
>
> On Wed, 14 Apr 1999 18:53:30 -0400 "Brian B. Riley"
> <brianbr@macconnect.com> writes:
> >.... I received an email this afternoon saying that the 2.5 mm
> >right-angled stereo plug with shielded wire, Mouser part number
> >172-2010 ($3.96 each) is currently out of stock and expected to
> >be received back in stock and available to be shipped 6 May.
> >
>
> Ditto here when I placed my order yesterday also.   I kept the power cord
> order open but cancelled the data cords.
>

> Any other sources folks have found??
>
> Jim Baremore K5QQ
> _____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ---
> You are currently subscribed to htaprs as: BOBJ@MEDIAONE.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

96. [htaprs] D7 Data cords

From: Robert Winingham <kc5ejk@onramp.net>
Date: Thu, 15 Apr 1999 12:24:39 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16183-1999.04.15-12.27.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Several modems that have a voice option come with a mic and headphone unit that has the correct plug.

The cable and plug will work with the D7A.

I saw several of these at FRYS.

COST ABOUT $15 EACH, but no waiting :-)

Someone also said in a old e-mail that Radio Shack had a unit but was $20.

If you also get a DB-9 null adapter of the correct gender you can use
the same cable for GPS input.

Remember: the pin that wiggles the Volt meter is the xmit wire.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

97. [htaprs] THD7A and WinAPRS

From: Chris Verbil <Chris_Verbil@Trimble.COM>
Date: Thu, 15 Apr 1999 13:00:12 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16213-1999.04.15-15.04.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I received many comments concerning my request last week for help in how to
get these two products working together. The regulars on the list might not
know this, but by the comments I received back directly via e-mail, there
are many individuals who also could not get their rigs to work with WinAPRS.

I have finally got it all working ok, and what I plan on doing is writing a
"lessons learned" note that I will post to this list when I am done. It
will essentially be a step-by-step instruction on how to get the two
products to talk to each other. It is not, especially for newcomers to
APRS, an intuitive procedure. So in the interest of helping everybody,
elmers and newbies alike, I will try to document what I found for the
benefit of all.

Chris N5CV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

98. [htaprs] Re: THD7A and WinAPRS

From: Ray Vaughan <ray@rayvaughan.com>
Date: Thu, 15 Apr 1999 18:00:07 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Cc: "\"TAPR HT APRS Special Interest Group\" <htaprs@lists.tapr.org> \"TAPR APRS Special Interest Group\"" <aprssig@lists.tapr.or
Message-ID: <LYR845-16235-1999.04.15-17.03.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 01:00 PM 4/15/99 -0700, you wrote:
>I received many comments concerning my request last week for help in how to
>get these two products working together. The regulars on the list might not
>know this, but by the comments I received back directly via e-mail, there
>are many individuals who also could not get their rigs to work with WinAPRS.
>
>I have finally got it all working ok, and what I plan on doing is writing a
>"lessons learned" note that I will post to this list when I am done. It
>will essentially be a step-by-step instruction on how to get the two
>products to talk to each other. It is not, especially for newcomers to
>APRS, an intuitive procedure. So in the interest of helping everybody,
>elmers and newbies alike, I will try to document what I found for the
>benefit of all.

Great idea! I just did something like this for a mapping program and
WinAPRS. I made the mistake of getting the wrong version of Precision
Mapping, but, with help, I got it working anyway. I made a web page with
step by step instructions. I think I made it at level that even a beginner
can follow it.

http://www.rayvaughan.com/winaprs.htm

I found that, from the SIG, I got all good information... but each person
was missing a couple steps that kept it from working totally. But when I
was able to sum their knowledge, it worked as promised.

If everyone could take an extra half hour to document things they discover,
it could really help the cause. In my case, it was kinda selfish. When I
go around to EOC's to improve their mapping, I plan to copy directly from
my page to do the install. I hate having to repeat things and forgetting
something. I know practice makes perfect, but I'm lazy.

There's a LOT of information here in the SIGs. I hope everyone will take
some procedure and write it up. It doesn't have to be perfect. Just write
it as if you were talking to someone on the phone. Next time you install
or build something, just stop every 10 minutes and write up what you've
done up to that step. It might even help you if something goes wrong.
Feel free to throw in some opinion. It keeps it interesting. Sometimes
I'll even mention a wrong turn I took. It will keep someone else from
taking the same wrong turn. You're not writing a text book, just a series
of notes to help a fellow ham. I often get feedback on my site from hams
all over the place. It's a great feeling when you hear that your
information helped someone else.

I know some of the more active APRS hams here have VERY detailed sites with
LOTS of great information. I don't want them to feel like they're lacking.
 But there's always going to be more that could be documented. If you
can't find exactly what you need, try doing your own write up. Even if
you've never done this before, give it a try. It's a way that the newest
APRSer can contribute. Sometimes inexperienced eyes see things the pro's
can miss.

Ray, KD4BBM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

99. [htaprs] Re: THD7A and WinAPRS

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Thu, 15 Apr 1999 18:14:10 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-16237-1999.04.15-17.26.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If WinAPRS is difficult to use with the D7, then I humbly apologize.. I had
tried to make it as simple as possible.

Please explain to me what does and doesn't work and I will try to fix it ASAP..

Also, stuff like this we are more than happy to include in our
documentation if we get permision from the people that did it.. We have
several pieces of documentation done by others already..

Keith Sproul

>At 01:00 PM 4/15/99 -0700, you wrote:
>>I received many comments concerning my request last week for help in how to
>>get these two products working together. The regulars on the list might not
>>know this, but by the comments I received back directly via e-mail, there
>>are many individuals who also could not get their rigs to work with WinAPRS.
>>
>>I have finally got it all working ok, and what I plan on doing is writing a
>>"lessons learned" note that I will post to this list when I am done. It
>>will essentially be a step-by-step instruction on how to get the two
>>products to talk to each other. It is not, especially for newcomers to
>>APRS, an intuitive procedure. So in the interest of helping everybody,
>>elmers and newbies alike, I will try to document what I found for the
>>benefit of all.
>

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] I need some information

From: GPersons <railfan@flash.net>
Date: Thu, 15 Apr 1999 17:49:14 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16242-1999.04.15-17.54.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am new to the list and apparently have come in on the tail end of a thread.
I see where you are using WINAPRS with the D7A. How and why? Do you
interface the radio with a computer and the radio displays on the screen
the position like APRSA4 does?

Sorry if this seems to be a nonsensical question. But I just don't
understand what is going on.

TNX in advance

Gary
KD5DAY

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] Re: I need some information

From: Phillip Clark <pbclark1@ibm.net>
Date: Thu, 15 Apr 1999 23:15:53 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-16312-1999.04.16-01.20.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Very briefly, WINAPRS requires a radio and a Packet TNC, and the TH-D7A supplies
both of these devices nicely in one small package.
                                                                    Phil KD6SP

GPersons wrote:

> I am new to the list and apparently have come in on the tail end of a thread.
> I see where you are using WINAPRS with the D7A. How and why? Do you
> interface the radio with a computer and the radio displays on the screen
> the position like APRSA4 does?
>

> Sorry if this seems to be a nonsensical question. But I just don't
> understand what is going on.
>
> TNX in advance
>
> Gary
> KD5DAY
>
> ---
> You are currently subscribed to htaprs as: pbclark1@ibm.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] TH-D7 Perl Module

From: David Nesting <fastolfe@fastolfe.net>
Date: Fri, 16 Apr 1999 03:43:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16317-1999.04.16-03.47.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, Apr 14, 1999 at 02:59:47AM -0500, David Nesting wrote:
> I'm in the process of writing a Perl module that implements all of the
> functions available here along with the ability to specify callback
> functions for events triggered by the D7. This should allow Perl
> scripts to be built with muchos ease.

It's here! I haven't gone through and meticulously tested each and
every method, but it seems to be running fine, and I've thoroughly
documented it so it should be pretty easy to figure out.

For the Perl Mongers among us, THD7.pm is available at:

        http://fastolfe.net/ham/THD7.pm   (59k)
or   http://fastolfe.net/ham/THD7.txt (in case you want to read it)

Documentation is available via perldoc (perldoc THD7.pm) or online
(thanks to pod2html) at:

        http://fastolfe.net/ham/THD7.pm.html

If you have any trouble getting it to open the serial port, try using
a terminal program (like minicom) to set it up, then exit it and start
up your THD7.pm-based script. I'll try to figure that out this weekend.

Let me know if anyone comes across any bugs or have any questions or
comments.

David

--
 == David Nesting WL7RO Fastolfe david@fastolfe.net http://fastolfe.net/ ==

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] Re: THD7A and WinAPRS

From: "Mark A. Foley" <na4v@hom.net>
Date: Fri, 16 Apr 1999 06:13:50 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-16318-1999.04.16-05.17.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Works with no hitches for me...transparent operation whether I'm using my
alinco/mfj setup or the Kenwood D7....
Mark, NAV4
-----Original Message-----
From: Keith Sproul <ksproul@vger.rutgers.edu>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org <htaprs@lists.tapr.org>
Date: Thursday, April 15, 1999 6:23 PM
Subject: [htaprs] Re: THD7A and WinAPRS

>If WinAPRS is difficult to use with the D7, then I humbly apologize.. I had
>tried to make it as simple as possible.
>
>
>Please explain to me what does and doesn't work and I will try to fix it
ASAP..
>
>
>Also, stuff like this we are more than happy to include in our
>documentation if we get permision from the people that did it.. We have
>several pieces of documentation done by others already..
>
>Keith Sproul
>
>
>
>>At 01:00 PM 4/15/99 -0700, you wrote:
>>>I received many comments concerning my request last week for help in how
to
>>>get these two products working together. The regulars on the list might
not
>>>know this, but by the comments I received back directly via e-mail, there
>>>are many individuals who also could not get their rigs to work with
WinAPRS.
>>>
>>>I have finally got it all working ok, and what I plan on doing is writing
a
>>>"lessons learned" note that I will post to this list when I am done. It
>>>will essentially be a step-by-step instruction on how to get the two
>>>products to talk to each other. It is not, especially for newcomers to
>>>APRS, an intuitive procedure. So in the interest of helping everybody,
>>>elmers and newbies alike, I will try to document what I found for the
>>>benefit of all.
>>
>
>Keith Sproul   732 445-3695 Office
>Student Housing Network Coordinator   732 445-2968 Fax
>mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
>http://dorm.rutgers.edu/~ksproul/   WU2Z
>
>
>
>---
>You are currently subscribed to htaprs as: na4v@hom.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

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104. [htaprs] serial connector for HP 320 computer

From: "Paul Lantz" <plantz@onlink.net>
Date: Fri, 16 Apr 1999 6:40:28
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16325-1999.04.16-06.44.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have a source for the serial connector needed for the HP 320
computer?
I would like to make up a single cable from D7 to the HP rather than
joining the existing HP serial cable to a new one.
thanks
Paul
VE3KBL

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] TH-D7 is back!

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Fri, 16 Apr 1999 07:20:33 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16338-1999.04.16-09.26.22--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

sent in my TH-D7 for a firmware upgrade last Thursday got it back
Wednesday....I was really happy about that.

have not had time to fire up the APRs function and find out if my Magellan
meridian XL talks to it yet...

hope to check it out soon as I get home tonight.

kd8s@skylink.net WWW.LVRAC.ORG

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] baker vagas aprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Fri, 16 Apr 1999 07:21:54 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16339-1999.04.16-09.27.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those concerned i did check out the aprs web site on the baker to
vegas race....a group of hams went thru a lot of work to make that one
happen!

kd8s@skylink.net WWW.LVRAC.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] APRs Demonstration

From: Foley Mark A SMSgt WL/MLS-OLR <Mark.Foley@robins.af.mil>
Date: Fri, 16 Apr 1999 14:56:27 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16347-1999.04.16-10.00.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can remember one of us fellows aprsers has developed a PowerPoint
presentation (with screenshots from the DOS, Windows, APRS+SA..etc). Anyone
recall the website where it was available?
Mark, NA4V

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] Re: APRs Demonstration

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Fri, 16 Apr 1999 16:14:59 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16394-1999.04.16-15.16.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

my web page.... www.qsl.net/kd4rdb/aprs.htm .... it's actually on tapr web
site, but linked from mine.

Wes - NOTE NEW EMAIL ADDRESS
  kd4rdb@qsl.net
  http://www.qsl.net/kd4rdb

Where am I?
   http://map.aprs.net/kd4rdb-9
   http://map.aprs.net/kd4rdb-10

-----Original Message-----
From: Foley Mark A SMSgt WL/MLS-OLR <Mark.Foley@robins.af.mil>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Friday, April 16, 1999 10:58 AM
Subject: [htaprs] APRs Demonstration

>I can remember one of us fellows aprsers has developed a PowerPoint
>presentation (with screenshots from the DOS, Windows, APRS+SA..etc).
Anyone
>recall the website where it was available?
>Mark, NA4V
>
>
>---
>You are currently subscribed to htaprs as: KD4RDB@BELLSOUTH.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] Re: APRs Demonstration

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 16 Apr 1999 17:50:56 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16403-1999.04.16-16.54.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 4/16/99 10:56 AM, Foley Mark A SMSgt WL/MLS-OLR
(Mark.Foley@robins.af.mil) passed this wisdom:

>I can remember one of us fellows aprsers has developed a PowerPoint
>presentation (with screenshots from the DOS, Windows, APRS+SA..etc). Anyone
>recall the website where it was available?
>Mark, NA4V

   ftp.tapr.org/aprssig/presentations/

 There are two ... the larger one required me to tell my PowerMac to give
it an extra 6 MB of RAM, it kept warning about low RAMspace available to
PowerPoint.

 I dunno how it flys under Windows. If Windows just blindly grabs RAM as
it needs it (sounds right! <grin>)

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "I left him for dead and buried his axe. If there was a Valhalla, I
  wanted him weaponless." from "Highlander: Homeland"

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] Protocol Documentation, File Format Documentation and more

From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Sat, 17 Apr 1999 22:57:19 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16485-1999.04.17-07.40.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day,

I am really glad to see the number of people looking at programming the
TH-D7 themselves. Applications are endless. I was going to say that we
had basically found all the commands that the radio knows about. That is
wrong... I have found some more... A lot of them I cannot work out Some
I can...

BUT... The important one is
    TC 0   Turns the TNC ON into command mode
    TC 1   Turns the TNC OFF whilst in command mode. Returns TS
1.

Other newly found ones are
    DW, UP, FL, FQ, SC, TC, TS, VR, VW, MON, SFT, STP*

Ones I cannot work out includeCH, CR, CW, GC, GM, PC, SR, TH, TN, TT,

CIN, CTD, LAN, MIN, MNF, MSH, RBN, STM*, STR*, STP*, STS*, STT*, TXN,
TYD, ULC.

* Denotes no return value. The ones I cannot work out often just return
a N in response to a command indicating that it was known but not
understood.

The way I found these was interesting. I realised that the HT responded
with a ? when the command was not understood at all, and N when the
paramaters were wrong. So I wrote a script within the Reflections
Terminal Emulator to send each 2 and 3 letter string to the radio
reporting any valid strings. The results are here...

For the full write up check http://www.ozemail.com.au/~vk2tds/d7.htm .
This file will be updated whenever I get anything new... The grand
total is about 60 identified commands and about 25 that are still
unidentified.

And I should appologise to all the PocketAPRS users out there.. This
project has distracted me from the map format conversion software... I
will have to get that finished. It is almost done...

Darryl VK2TDS
Sydney Australia
[Attachment: smime.p7s; application/x-pkcs7-signature; 2,491 bytes]

111. [htaprs] THD7.pm v1.1

From: David Nesting <fastolfe@fastolfe.net>
Date: Sat, 17 Apr 1999 17:43:24 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16548-1999.04.17-17.47.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

THD7.pm has been updated to include these new commands. To keep from
boring the rest of the non-Perl folks, you'll just have to check the
web page at http://fastolfe.net/ham/thd7.html for information about
future updates. I'm not going to post them here anymore if I can help
it, until the protocol is completely defined.

The current version is now 1.1.

David

On Sat, Apr 17, 1999 at 10:57:19PM +1000, Darryl Smith wrote:
> G'Day,
>
> I am really glad to see the number of people looking at programming the
> TH-D7 themselves. Applications are endless. I was going to say that we
> had basically found all the commands that the radio knows about. That is
> wrong... I have found some more... A lot of them I cannot work out Some
> I can...
>
> BUT... The important one is
>   TC 0   Turns the TNC ON into command mode
>   TC 1   Turns the TNC OFF whilst in command mode. Returns TS
> 1.
>
> Other newly found ones are
>   DW, UP, FL, FQ, SC, TC, TS, VR, VW, MON, SFT, STP*
>
> Ones I cannot work out includeCH, CR, CW, GC, GM, PC, SR, TH, TN, TT,
> CIN, CTD, LAN, MIN, MNF, MSH, RBN, STM*, STR*, STP*, STS*, STT*, TXN,
> TYD, ULC.

--
 == David Nesting WL7RO Fastolfe david@fastolfe.net http://fastolfe.net/ ==

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] THD7 Mods

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 19 Apr 1999 11:05:44 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16782-1999.04.19-10.10.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is what I have gathered from a varitey of sources. This is at your
OWN RISK. Surgery on your radio will probably bust it and make it out of
warranty. But if you must tinker, here is what some people have figured
out...

Compare this to previous posts, there may be minor differences...

de WB4APR, Bob

In general, the TH-D7A/E can be modified to all configurations.... But
the hardware is different between D7E and D7A because the UHF SAW
filter frequency is different and the narrow deviation filter are
different.

   The D7A uses a 438-450 SAW filter for UHF and wide band LC filter
   for 400-438 and 450-480MHz.

   The D7E uses a 430-440 SAW filter for UHF and wide band LC filter
   for 400-430 and 440-480MHz.

Here are the different modifications
USA normal   :UN
USA MARS mods   :UM
USA wide band   :UW
Australian   :AU
European   :EN
Europeann wide band   :EW
Worldwide   :WN
Worldwide wide band   :WW

Type	D508	D507	D503	Green wire & D502	Tone 1750	Skycommand	Remote
UN	YES	YES	YES	YES	NO	YES	YES
UM	YES	YES	YES	NO	NO	YES	YES
UW	YES	NO	NO	YES	NO	YES	YES
AU	NO	NO	YES	NO	NO	NO	NO
EN	NO	YES	YES	YES	YES	NO	NO
EW	NO	YES	YES	NO	YES	NO	NO
WN	YES	YES	NO	YES	NO	NO	NO
WW	YES	YES	NO	NO	NO	NO	NO

A band:

Type	RX freq.	TX freq.(FM)	Automatic VHF offset	narrow
UN	118-136(AM/FM),136-174(FM)	144-148	YES	NO
UM	118-136(AM/FM),136-174(FM)	142-152	YES	NO
UW	118-136(AM/FM),136-174(FM)	136-174	YES	NO
AU	118-136(AM/FM),136-174(FM)	144-148	YES	NO
EN	144-146(FM)	144-146	YES	YES
EW	118-136(AM/FM),136-174(FM)	136-174	YES	YES
WN	144-148(FM)	144-148	NO	NO
WW	118-136(AM/FM),136-174(FM)	136-174	NO	NO

B band

Type	RX freq. (FM)	TX freq.(FM)	Repeater offset freq.[MHz]
UN	400-480,144-148	430-450,144-148	+/-5
UM	400-480,144-148	420-450,144-148	+/-5
UW	400-480,144-148	400-480,144-148	+/-5
AU	430-440,144-146	400-480,144-146	+/-5
EN	430-440,144-146	430-440,144-146	+/-1.6,-7.6
EW	400-480,144-146	400-480,144-146	+/-1.6,-7.6
WN	430-440,144-148	430-440,144-148	+/-5
WW	400-480,144-148	400-480,144-148	+/-5

Skycommand and Remote access are only in the USA modes.
The Narrow deviation circuit is only in the TH-D7E hardware.

If you want to modify the TH-D7E to the USA type, and you want to use
UHF, you have to replace the SAW filter or the radio becomes deaf around
430-435MHz. But you DO get Skycommand and Remote Access in exchange for
deaf 430-435MHz.

If you want to modify the TH-D7A to a non USA type, and you want to use
UHF band, you have to replace the SAW filter. Otherwise, the radio
becomes deaf around 445-450MHz. You can use the 1750 tone burst and you
will see the VHF narrow menu (but it does not switch to narrow, since the
hardware is not there).

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] 1750 hz tone mod?

From: Rosenberg.Eric@Orbcomm.COM
Date: Mon, 19 Apr 1999 18:00:35 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16858-1999.04.19-17.10.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After all the talk about modifying a D7A to a D7E, all I want to do is add the
1750Hz capability to my D7A. I don't want to change anything else.

What is the mode to do this, or at least include this as part of the least
number of modifications possible?

Thanks in advance,

Eric W3DQ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] Re: 1750 hz tone mod?

From: Walter Dunckel <wdunckel@best.com>
Date: Mon, 19 Apr 1999 15:59:36 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16866-1999.04.19-18.07.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All mods that will give you 1750 hz will have another effect on your
radio that you probably will not like.(At least not when you get back to
the states)

The least amount of modification to get your 1750 hz would require you
to remove diode D-508. This does have some negative effects for radios
that you want to work in the states. For instance you would be missing
TX from 146-148mhz, as well as the unpleasing deafness at 445-450mhz RX.
This is just to name a few.

Perhaps this will make it more clear. This is a list of all known mods
to the TH-D7 as well as well as their known effects.
http://www.best.com/~wdunckel/diode.htm

Sure, it would be nice to have a little of this mod and a little of that
one ... but usually you can't :(

Walter

Rosenberg.Eric@Orbcomm.COM wrote:
>
> After all the talk about modifying a D7A to a D7E, all I want to do is add the
> 1750Hz capability to my D7A. I don't want to change anything else.
>
> What is the mode to do this, or at least include this as part of the least
> number of modifications possible?
>
> Thanks in advance,
>
> Eric W3DQ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] D7 feature?

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Mon, 19 Apr 1999 20:12:11 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16876-1999.04.19-19.14.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Silly question.... does the D7 have a voltmeter?

Wes - NOTE NEW EMAIL ADDRESS
kd4rdb@qsl.net
http://www.qsl.net/kd4rdb

Where am I?
http://map.aprs.net/kd4rdb-9
http://map.aprs.net/kd4rdb-10

There is a fine line between "hobby" and "mental illness."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

116. [htaprs] RE: D7 feature?

From: Karl Salisbury <cruz@magicnet.net>
Date: Mon, 19 Apr 1999 20:47:47 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16878-1999.04.19-19.51.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Do you mean something that could check the battery voltage? How ridiculous.. Why would anybody need something like that?? ;)

No. Not that I know of.

Karl Salisbury
KG4BNA
cruz@magicnet.net

-----Original Message-----
From: Wes Johnston [SMTP:kd4rdb@bellsouth.net]
Sent: Monday, April 19, 1999 8:12 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] D7 feature?

Silly question.... does the D7 have a voltmeter?

Wes - NOTE NEW EMAIL ADDRESS
kd4rdb@qsl.net
http://www.qsl.net/kd4rdb

Where am I?
http://map.aprs.net/kd4rdb-9
http://map.aprs.net/kd4rdb-10

There is a fine line between "hobby" and "mental illness."

You are currently subscribed to htaprs as: cruz@magicnet.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

117. [htaprs] Battery Case Plastic

From: "Tony Allsop" <tallsop@interlog.com>
Date: Mon, 19 Apr 1999 22:42:12 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16894-1999.04.19-21.46.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had my D7A on my belt as I walked through a door that had a rather large
handle.
The handle caught the radio and tore the belt clip, along with a section of
the battery case, off the radio.
This left a jagged hole in the back of the battery pack about one and a half
inches around.

Fortunately the radio was not damaged but there is now a hole in the back of
the battery pack.
I guess the case is not the strongest plastic available.

Hope the soft cases will be available soon.
Time to buy a replacement pack. Are the NiMh batteries available yet?

Take care with your radios.

Tony -- VE3FTA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

118. [htaprs] ? Palm III Terminal Program needed ?

From: Robert Manak <rmanak@execpc.com>
Date: Mon, 19 Apr 1999 22:04:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16897-1999.04.19-22.04.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

Is there a general purpose packet radio terminal program available for the
Palm IIIx. It makes a great portable packet station when combined with the
TH D7.

thanks
73 bob
AA9JW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

119. [htaprs] Re: Battery Case Plastic

From: Walter Dunckel <wdunckel@best.com>
Date: Mon, 19 Apr 1999 20:02:00 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-16899-1999.04.19-22.08.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, NiMh batteries have been available for some time through Maha. I
have one and it works great. 1050 mAh vs 600 mAh for Kenwoods NiCd.
Try:
http://www.maha-comm.com/products/nimhbp/kenwood/index-13.htm
Bought mine through Ham Radio Outlet. Not cheap though, but neither are
Kenwoods.

I have found that a lot of the plastic things I break can be glued
together with plastic model glue (Testors for example) and not look too
bad. If your break doesnt look too bad this might work.

Walter
_____
Tony Allsop wrote:
I had my D7A on my belt as I walked through a door that had a rather
large
handle. The handle caught the radio and tore the belt clip, along with a
section of
the battery case, off the radio. This left a jagged hole in the back of
the battery pack about one and a half inches around.Fortunately the
radio was not damaged but there is now a hole in the back of the battery
pack. Hope the soft cases will be available soon.
Time to buy a replacement pack. Are the NiMh batteries available yet?
> Tony -- VE3FTA

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120. [htaprs] Re: D7 feature?

From: David Nesting <fastolfe@fastolfe.net>
Date: Mon, 19 Apr 1999 23:26:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16908-1999.04.19-23.30.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, Apr 19, 1999 at 08:12:11PM -0400, Wes Johnston wrote:
> Silly question.... does the D7 have a voltmeter?

The manual states that a battery meter appears showing the current
relative battery charge whenever you transmit. I don't know of any way
to get the battery meter without transmitting.

David

--
 == David Nesting WL7RO Fastolfe david@fastolfe.net http://fastolfe.net/ ==

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121. [htaprs] Re: D7 feature?

From: "Jerry L. Reed" <jreed01@prodigy.net>
Date: Mon, 19 Apr 1999 22:03:43 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-16933-1999.04.20-00.04.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A bar graph appears when you transmit and the manual says that this bar graph
reprents the battery state. It is the same bar graph as is used for the signal
strength and there is only one, not one for each band. I haven't found any
mention of calibration for the bar graph but when the battery goes dead it
shows much less deflection.
73 Jerry W5RCQ

David Nesting wrote:

> On Mon, Apr 19, 1999 at 08:12:11PM -0400, Wes Johnston wrote:
> > Silly question.... does the D7 have a voltmeter?
>
> The manual states that a battery meter appears showing the current
> relative battery charge whenever you transmit. I don't know of any way
> to get the battery meter without transmitting.
>
> David
>
> --
> == David Nesting WL7RO Fastolfe david@fastolfe.net http://fastolfe.net/ ==
>
> ---
> You are currently subscribed to htaprs as: jreed01@prodigy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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122. [htaprs] Re: ? Palm III Terminal Program needed ?

From: John Ackermann <jra@febo.com>
Date: Tue, 20 Apr 1999 07:29:15 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16949-1999.04.20-06.33.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Hi
>
> Is there a general purpose packet radio terminal program available for the
> Palm IIIx. It makes a great portable packet station when combined with the
> TH D7.
>
> thanks
> 73 bob

> AA9JW

I've been using OnLine, which is a shareware program. The free ones I
looked at all seemed pretty limited. OnLine is pretty nice -- choice
of two font sizes, and a scrolling window across the 80 column virtual
screen.

John N8UR
jra@febo.com
http://www.febo.com

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123. [htaprs] Palm terminal programs <"LYR3648-16921-1999.04.20-00.00.58--JOE.LAGREEK(035)EDWARDJONES.C*"@MHS>

From: joe.lagreek@edwardjones.com
Date: Tue, 20 Apr 1999 11:21:31 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16985-1999.04.20-11.25.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The one that works for me is: Accessit!   www.palmcentral.com   it's freeware and will do about
everything except cntl c's for taking your TNC out of GPS mode. I found one a cd called Pilot VT100.
Have not have time to check it out but it looks like it will do the cntl c's.

I have used Accessit! for both 1200 & 9600 packet as well as programing TNC's.

73 de N0OTM

Joe LaGreek
Information Systems
Edward Jones
201 Progress Parkway
Maryland Heights, MO 63043
Phone: (314) 515-2721
Fax: (314) 515-4659
E-mail: joe.lagreek@edwardjones.com

****
Note: Any opinions or comments stated here
are those of my own, and do not represent my
employer.
****

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124. [htaprs] D7 turn around <"LYR3648-16921-1999.04.20-00.00.58--JOE.LAGREEK(035)EDWARDJONES.C*"@MHS>

From: joe.lagreek@edwardjones.com
Date: Tue, 20 Apr 1999 11:25:37 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16986-1999.04.20-11.29.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Three of us shipped our D7's to Kenwood in one box to save on shipping. Total turn around door to door,
9 business days. Good job Kenwood.

73 de N0OTM

Joe LaGreek
Information Systems
Edward Jones
201 Progress Parkway
Maryland Heights, MO 63043
Phone: (314) 515-2721
Fax: (314) 515-4659
E-mail: joe.lagreek@edwardjones.com

****
Note: Any opinions or comments stated here

are those of my own, and do not represent my
employer.
****

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

125. [htaprs] Re: D7 turn around <"LYR3648-16921-1999.04.20-00.00.58--JOE.LAGREEK(035)EDWARDJONES.C*"@MHS>

From: Alan Crosswell <alan@columbia.edu>
Date: Tue, 20 Apr 99 15:58:26 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17005-1999.04.20-15.02.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Three of us shipped our D7's to Kenwood in one box to save on shipping. Total turn around door to door,
 9 business days. Good job Kenwood.

Still waiting on mine. Better job would have been a flash-upgradable
design that doesn't require shipping the thing back to fix the firmware.
/a

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126. [htaprs] Re: D7 turn around <"LYR3648-16921-1999.04.20-00.00.58--JOE.LAGREEK(035)EDWARDJONES.C*"@MHS>

From: David Nesting <fastolfe@fastolfe.net>
Date: Tue, 20 Apr 1999 15:03:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-17007-1999.04.20-15.07.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, Apr 20, 1999 at 03:58:26PM -0400, Alan Crosswell wrote:
>
> Still waiting on mine. Better job would have been a flash-upgradable
> design that doesn't require shipping the thing back to fix the firmware.

I agree. Does anyone know if the D7 is *capable* of being flash upgraded?
Maybe Kenwood just doesn't have the user utils ready for updating the
firmware, so they need the units to be shipped back?

If not, that really bugs me, especially when you consider the complex
nature of AX.25 and the volatility of the APRS protocols. Surely they
could have predicted that firmware updates would be needed...

David

--
 == David Nesting WL7RO Fastolfe david@fastolfe.net http://fastolfe.net/ ==

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127. [htaprs] Re: D7 turn around

From: Steve Dimse K4HG <k4hg@tapr.org>
Date: Tue, 20 Apr 1999 16:13:53 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17008-1999.04.20-15.18.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 4/20/99 4:03 PM David Nesting (fastolfe@fastolfe.net) wrote:

>On Tue, Apr 20, 1999 at 03:58:26PM -0400, Alan Crosswell wrote:
>>
>> Still waiting on mine. Better job would have been a flash-upgradable
>> design that doesn't require shipping the thing back to fix the firmware.
>
>I agree. Does anyone know if the D7 is *capable* of being flash upgraded?
>Maybe Kenwood just doesn't have the user utils ready for updating the
>firmware, so they need the units to be shipped back?
>

No, it requires opening the radio and soldering onto the board...Bob
watched them do his radio.

Steve K4HG

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] Re: D7 turn around

From: David Nesting <fastolfe@fastolfe.net>
Date: Tue, 20 Apr 1999 15:25:27 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-17011-1999.04.20-15.29.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, Apr 20, 1999 at 04:13:53PM -0400, Steve Dimse K4HG wrote:
> >I agree. Does anyone know if the D7 is *capable* of being flash upgraded?
>
> No, it requires opening the radio and soldering onto the board...Bob
> watched them do his radio.

So where does that leave us when new APRS features (or perhaps a new
version of the protocol itself, which seems possible) start appearing?

Kenwood isn't going to repeat this type of thing for non-criticals or
feature requests like that, which means the current feature set is pretty
much what we're stuck with for the life of the radio. This actually
kinda bums me out. I assumed it would be flash upgradable.

Dave

--
 == David Nesting WL7RO Fastolfe david@fastolfe.net http://fastolfe.net/ ==

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129. [htaprs] Re: D7 turn around

From: Ray Vaughan <ray@rayvaughan.com>
Date: Tue, 20 Apr 1999 16:30:54 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17012-1999.04.20-15.34.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:03 PM 4/20/99 -0500, you wrote:
>On Tue, Apr 20, 1999 at 03:58:26PM -0400, Alan Crosswell wrote:
>>
>> Still waiting on mine. Better job would have been a flash-upgradable
>> design that doesn't require shipping the thing back to fix the firmware.
>
>I agree. Does anyone know if the D7 is *capable* of being flash upgraded?
>Maybe Kenwood just doesn't have the user utils ready for updating the
>firmware, so they need the units to be shipped back?
>
>If not, that really bugs me, especially when you consider the complex
>nature of AX.25 and the volatility of the APRS protocols. Surely they
>could have predicted that firmware updates would be needed...

Or it could have been the fear of trying to provide a warranty on hardware
when the users have the ablity to upload their own firmware. Given our
track record of doing out of band hardware mods and still demanding
warranty coverage, I can see how they were a bit shy to allow us to do
firmware upgrades. I'm sure someone would come up with a 'better' way to
program it.   Then when it screwed up they would be flaming Kenwood for
having a defective radio.

Firmware upgrades, even when done right, can go bad. One corrupted bit on
the serial connector and the whole radio can forget what it is. Now you
can't do anything with it. Things like this are happening with the PIC
guys. One can program just fine, another can't. Things like the length of
the serial cable can effect the success rate.

Just wondering... did anyone check to see if Kenwood opens the radio to do
the upgrade? I wonder if they have a way to do it from the outside, or via
some hidden connector only they have the mate for.

Ray, KD4BBM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] Re: D7 turn around

From: Alan Crosswell <alan@columbia.edu>
Date: Tue, 20 Apr 99 16:44:19 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>,
"TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17013-1999.04.20-15.48.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Or it could have been the fear of trying to provide a warranty on hardware
>when the users have the ablity to upload their own firmware. Given our
>track record of doing out of band hardware mods and still demanding
>warranty coverage, I can see how they were a bit shy to allow us to do
>firmware upgrades. I'm sure someone would come up with a 'better' way to
>program it. Then when it screwed up they would be flaming Kenwood for
>having a defective radio.
>
>Firmware upgrades, even when done right, can go bad. One corrupted bit on
>the serial connector and the whole radio can forget what it is. Now you
>can't do anything with it. Things like this are happening with the PIC
>guys. One can program just fine, another can't. Things like the length of
>the serial cable can effect the success rate.
>
>Just wondering... did anyone check to see if Kenwood opens the radio to do
>the upgrade? I wonder if they have a way to do it from the outside, or via
>some hidden connector only they have the mate for.
>
>Ray, KD4BBM

Flash upgrades for consumer electronics are common. I've upgraded my
PC bios several times, likewise for my 56K modem and have even done it
for SCSI hard disks. Sometimes the flash doesn't take, the machine is
dead, and then you send it back to the service center for them to do
it right. No worse in the worst case and much better for the average
case. Very few of us diode-removers would be able or willing to
reverse engineer a flash ROM binary and put in a non-approved software
mod. I think it's more a mindset change needed for Kenwood that this
radio "hardware" is now really a computer. I would hope future
Kenwood computers (that happen to have an RF deck as well:-) would be
flash upgradable. I guess a lot of that mindset will have to do with
home many firmware bugs like this turn up and how much we as customers
clamor for upgradeable firmware for support of future features.
Consider this a clamor:-)

73 de Alan N2YGK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] New ORANGE Softcase Mini Review

From: Mike Ellerson <mellerso@arches.uga.edu>
Date: Tue, 20 Apr 1999 17:03:57 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17030-1999.04.20-17.20.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don't know if anybody else ordered the soft case for the TH-D7. I
ordered mine from AES for $15.95 in dayglow orange. They were
backordered, but I got mine today. If you have not seen the new TH-D7
case, let me give you a quick review.

Color - ORANGE !!!! If you want to be seen wearing this stylish number
the electric orange will make you stand out in any crowd. The case is
also available in the more modest black for a more sophisticated look.
The case does have a very nice Kenwood logo stitched on the side that
adds that extra touch of panache.

Material - This is a serious softcase my friends. No wimpy vinyl or
synthetic leather, but real canvas ! With a little extra padding thrown

in for good measure. The front is clear plastic so you can see all the
pretty buttons and the display. There are cut outs on the sides for the
Lamp and Monitor buttons as well as the patch bay on the other side. I
feel MUCH better hauling the TH-D7 around now. It looks very very well
protected (and harder to misplace !).

Fit - The case fits very snugly around the Th-D7. It also has a strap
that fits across the top of the battery to hold it firmly in place. The
case does make the rig look like it put on an extra pound with the extra
padding.

Belt Clip - Now I found this pretty cool. The case has a real metal belt
clip built into it ! Yes you heard me a real metal belt clip !!! So long
plastic thingy on the battery. The clip seems well secured to a leather
strip stitched to the case. The spring metal clip is a bit looser than
the plastic one, but this does make it easier to get off the belt.

Summary - This is a serious case for a serious HT and for only $15.95.
Well done Kenwood !

73 de KS4JU

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

132. [htaprs] Re: D7 turn around <"LYR3648-16921-1999.04.20-00.00.58--JOE.LAGREEK(035)EDWARDJONES.C*"@MHS>

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 20 Apr 1999 18:27:29 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-17034-1999.04.20-17.31.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 20 Apr 1999, David Nesting wrote:

> I agree. Does anyone know if the D7 is *capable* of being flash upgraded?
> Maybe Kenwood just doesn't have the user utils ready for updating the
> firmware, so they need the units to be shipped back?
> If not, that really bugs me, especially when you consider the complex
> nature of AX.25 and the volatility of the APRS protocols. Surely they
> could have predicted that firmware updates would be needed...

It is Flash programmable, but requires a 16 wire parallel solder jumpers
to do it. THus the desire to do it at the factory where the parallel
interface is. Yes, todays technology is serial... I suspect that any
future models (if any) will be also...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] THD7 Programming

From: Jim Baremore <k5qq@juno.com>
Date: Tue, 20 Apr 1999 19:27:52 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17064-1999.04.20-20.33.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've downloaded the MCP-D7 program for programming the frequencies etc
into my TH-D7 and have found that you cannot insert a channel into a list
if later find you want to add a channel into the existing sequence.   I
think this was mentioned on the list once before but I never saw anyone
comment if it had been fixed.

Does anyone know if there is a newer version of the program available?
The one I have is suspect as it is version 0.01 beta. Talk about the
first cut...

Anyhow, thanks for any advice anyone can offer

C U later

Jim Baremore K5QQ

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] TH-D7 upgrade

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Tue, 20 Apr 1999 22:21:21 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17099-1999.04.21-00.27.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

have been busy with nab in las vegas, got my th-d7 back in less than a week,
fired up my magellan meridian xl today and it s talking to the rig for the
first time, that made me happy....soon as i get time will get back into it
and check out the other repairs done to the radio.....just too busy to play

kd8s@skylink.net   WWW.LVRAC.ORG

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] MCP-D7 and FLASH

From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Wed, 21 Apr 1999 20:50:10 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17118-1999.04.21-05.02.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Firstly, if you want to insert memories, at the moment edit the .D7
file. It is plain text so scan be edited easily..... Just do not delete
the TAB characters....

As for the FLASH upgrades, does anyone know what part of the radio gets
upgraded? My thought is that there are two serial devices in the machine
- the KENWOOD firmware that deals with the user interface, and the TASCO
software that deals with the TNC.

I have a theory when it comes to how this radio works, but I do not want
to voice it unless I can talk to someone who has a copy of the circuit
diagram for the radio. I suspect that when we know how the parts
interact we can realise how the radio really works, and why strange
things happen like that funny TNC string when we turn the TNC off with
software.

Darryl VK2TDS
Sydney, Australia

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] D7A Webpages

From: Paul Womble <aj4y@concentric.net>
Date: Wed, 21 Apr 1999 10:21:01 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17136-1999.04.21-09.30.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can someone send me a list of web pages with D7A info. I had several
but lost my bookmark file!!

Thanks
Paul AJ4Y

--
The 1999 Florida QSO Party
is April 24th and 25th.

For more information visit:
http://home1.gte.net/wd4ahz/fcg/ssqp.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] Complete Trackers

From: Tom Clarke <fclarke@erols.com>
Date: Thu, 22 Apr 1999 16:40:15 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: aprssig@tapr.org
Message-ID: <LYR845-17341-1999.04.22-15.49.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How about the Kenwood TH-D7A and a Tripmate (or a Garmin 35)? Self contained and self powered, although it will not last forever (keep a pocketful of batteries handy!).

Another possiblility is to use the Tripmate/Garmin 35 with a PIC and the APRS Tx from Kantronics. The Tx, power supply for the GPS and the PIC stuffed into a mini-box make a nice compact tracker that can be plugged into a cig lighter and tossed into any vehicle with a magmount on the roof (Well, maybe not on your favorite flying machine!).

I took my D7 and Tripmate with me in the Cessna 182 yesterday on a trip from Pax River, MD to Oxford ME and return. Put the yellow puck on the glareshield and propped the D7 between the right seat and the window. Don't try this on a real bumpy day, but it seemed to work OK, although some 1000 mile an hour tape(ordnance tape)would help keep it in place. The next step will be to build an external PS for the Tripmate, then run the GPS and the D7 off a gel cell in the chart bag.

I saw lots of stations on the D7's List and I wonder if anyone saw W4OKW-7 during the flight? I didn't see it on Steve's APRServe after I got home.

Left Oxford ME about 1300 and went over Concord NH, Manchester NH, Hartford CT, Carmel NY, Teterboro NJ, Woodstown NJ, Smyrna DE, Easton MD and then into 2W6 St Mary's MD. The first hour or so I had left the path at Relay Wide (as used in my car), but changed it to no path. I figured that the Relay Wide would really flood the system!

Anyway, lots of fun, but single pilot, no autopilot and marginal VFR/IFR didn't leave much time for hamming!

Watch for W4OKW-7 on Friday. Will be flying a C-130 from Pax River to Marietta GA and return. Probably launch about 1300 or so and get back in the early evening (we may take a side trip over to Jax FL on the way for some instrument practice approaches).

73 de Tom/W4OKW/Skylane N91868/ NAVY WB763

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] Complete Trackers

From: Tom Clarke <fclarke@erols.com>
Date: Thu, 22 Apr 1999 17:17:42 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17350-1999.04.22-16.27.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In my previous post I mentioned PIC when I really meant to say MIM. PIC-E would probably work as well, but I am not familiar with them.

73 de Tom/W4OKW

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Kenwood, fast turn around but no fix

From: Tom Rutter <kf4hjx@home.com>
Date: Thu, 22 Apr 1999 21:07:22 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17389-1999.04.22-20.12.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I sent my TH-D7A in because it stop receiving GPS input but still send
station positions to gps. I was using A Garmin 45 with it. It stop
working so I sent it to Kenwood. 12 days later it comes back with the
new firmware but no mention of working on the problem that, I sent it in
for.

Has anyone had a problem with the D7A that has stop working. I tested my
setup with another D7A user, my gps would work on his and his gps would
not work on my D7A.

Thanks
Tom

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] Is Kenwood listening?

From: GPersons <railfan@flash.net>
Date: Thu, 22 Apr 1999 21:35:09 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17390-1999.04.22-21.40.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi list,
Downloaded the computer programming software for the D7a. I have a
suggestion as to make the software better.

It would be nice if there was a convient way to arrange the frequency list
to the liking of the user. As an example, I prefer to have my frequencies
in order from lowest to highest. However, I have not found a way to
rearrange the frequencies like this.

I also have the software for the V7a and this feature would be nice for
this software package also.

Thanks

Gary

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] Re: Kenwood, fast turn around but no fix

From: Robert Winingham <kc5ejk@onramp.net>
Date: Thu, 22 Apr 1999 21:41:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-17392-1999.04.22-21.45.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I sent my TH-D7A in because it stop receiving GPS input but still send
>station positions to gps. I was using A Garmin 45 with it.
>
>Has anyone had a problem with the D7A that has stop working. I tested my
>setup with another D7A user, my gps would work on his and his gps would
>not work on my D7A.
>

0. You did use the GPS port on the D7A ? :-) hay, i had to ask.
1. The same gps cable with his and your D7A ?
2. Does the PC port work with the Kenwood radio setup program ? or
3. Does the PC port allow packet parameters to be set when in full packet mode ?

Try send live or fake NMEA data to the GPS port using your computer.
You can send a captured NMEA file sample or connect GPS output to
input of COM1 and send the echo out the output pin of com1, or send
to Con2 is you have two ports.

The GARMIN-45 is TTL level output and should work but at least try
a different RS-232 output into your D7A.

Do the testing with the D7a under battery only power.

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

142. [htaprs] KISS mode?

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Thu, 22 Apr 1999 23:12:31 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17397-1999.04.22-22.15.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does D7 have kiss mode?

Wes - NOTE NEW EMAIL ADDRESS
  kd4rdb@qsl.net
  http://www.qsl.net/kd4rdb

Where am I?
   http://map.aprs.net/kd4rdb-9
   http://map.aprs.net/kd4rdb-10

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] Kenwood, fast turn around but no fix (fwd)

From: Andy Fu <andyfu@espmail.com>
Date: Fri, 23 Apr 1999 7:59:00 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17423-1999.04.23-03.04.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am also using a Garmin 45 with the D7a and am having quite a bit of problems. My GPS is working fine but position packets coming out of the D7a puts me 1 degree west of where I am (in my case, the Pacific Ocean, since I am in California).

I just borrowed an EGALE GPS from my brother-in-law (KH6FQR) and disabled all the NMEA strings except $GPRMC and it seems to work ok so far. I will do a full day of test tomorrow (Friday) and see if the D7a puts me in the ocean again. If this works then I think there is a compatibility problem using the D7a with a Garmin 45 (may be $GPGGA strings problem??)

Good luck.

-Andy-

AC6GN

Los Altos, CA

---------- Original message ----------

From: kf4hjx@home.com

Date: Thu, 22 Apr 1999 21:07:22 -0700

Subject: [htaprs] Kenwood, fast turn around but no fix

I sent my TH-D7A in because it stop receiving GPS input but still send

station positions to gps. I was using A Garmin 45 with it. It stop

working so I sent it to Kenwood. 12 days later it comes back with the

new firmware but no mention of working on the problem that, I sent it in

for.

Has anyone had a problem with the D7A that has stop working. I tested my

setup with another D7A user, my gps would work on his and his gps would

not work on my D7A.

Thanks

Tom

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] truck icon

From: w8xf@juno.com
Date: Fri, 23 Apr 1999 11:00:33 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17446-1999.04.23-10.07.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

anybody know how to get the D7 to send out an 18wheeler icon?
have a buddy who wants the info, and not on sig...tnx
w8xf, Mac

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] Re: truck icon

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 23 Apr 1999 12:01:27 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-17454-1999.04.23-12.05.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>anybody know how to get the D7 to send out an 18wheeler icon?
>have a buddy who wants the info, and not on sig...tnx
>w8xf, Mac

It is all BOB's fault :-0   he called the file
SYMBOLS.TXT   (APRS DISPLAY SYMBOLS) and not ICON.TXT and that is why
you could not find it in the APRS documentation   :-)

/u LU TRUCK (18 wheeler)

The DOS APRS doc's are required reading for APRS users.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] Self contained trackers <"LYR3648-17408-1999.04.23-00.00.27--JOE.LAGREEK(035)EDWARDJONES.C*"@MHS>

From: joe.lagreek@edwardjones.com
Date: Fri, 23 Apr 1999 12:07:07 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17455-1999.04.23-12.11.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

N0QBF and myself have made several self contained trackers. We used an outdoor electrical box, the kind used for controlling electric appliances, like hot water heaters and such. The box allowed the electric company to turn them on or off remotely as they need. Anyway the box is about 4" high, 8" long, and 6" wide and is waterproof. It also has 3 mounting flanges for attaching the box to a wall. It is hinged and does not require any tools to open. We mounted the GPS on top, a Tripmate or GP 35, and if there was room an NMO connector for the antenna. Mine did not have room for the NMO mount on top, so I installed an SO-239 connector the side. Inside went a 2m hand held, TNC, and some gell cells. We installed 3" magnets on the mounting flanges. You now have a self contained tracker that you turn on and place on the vehicle. OK it won't work on corvettes, haven't had that problem yet. Sorry no digital camera so we can't show you pictures.

The smaller the radio the better, Pico's seem to fit pretty well, a MIM would work just fine. Mine has 4 amp/hr and will last at least 12 hours before recharging. To handle that, a coaxial power plug was added so I could just plug in a wall wart to recharge it over night. We have used these at many events including an MS 150 and they worked just find. Even had one on a police car during the St. Louis Marathon and watched it drive away at 70 m.p.h. with out falling off.

Joe LaGreek
IS Mainframe
Bldg 201 2nd floor
Phone: (314) 515-2721
Pager: (314) 491-8920
Fax: (314) 515-4659
E-mail: joe.lagreek@edwardjones.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] Re: truck icon

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Fri, 23 Apr 1999 11:08:41 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-17456-1999.04.23-12.12.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How does this apply to the D7?

Is there a way I can put in a symbol code?

Tom
----- Original Message -----
From: Robert Winingham <kc5ejk@onramp.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Sent: Friday, April 23, 1999 11:01 AM
Subject: [htaprs] Re: truck icon

> >anybody know how to get the D7 to send out an 18wheeler icon?
> >have a buddy who wants the info, and not on sig...tnx
> >w8xf, Mac
>
>
> It is all BOB's fault :-0   he called the file

> SYMBOLS.TXT   (APRS DISPLAY SYMBOLS) and not ICON.TXT and that is why
> you could not find it in the APRS documentation   :-)
>
>
> /u LU TRUCK (18 wheeler)
>
>
>
> The DOS APRS doc's are required reading for APRS users.
>
>
> 73
>
>
>
>
>
> -----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----
>
>
> ---
> You are currently subscribed to htaprs as: TOMS@INCONNECT.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] truck icon

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 23 Apr 1999 12:33:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: toms@inconnect.com, w8xf@juno.com
Message-ID: <LYR845-17460-1999.04.23-12.37.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FROM THE DOS APRS documentation
SYMBOLS.TXT   (APRS DISPLAY SYMBOLS)

/u LU TRUCK (18 wheeler)

You input into the D7a   SLASH lower case YOU

ie   /u

That is what the OTHER setting is for in the D7a icon setup

it is between the big W and the three windowed van.

I'll send the SYMBOLS.TXT to anyone who can't download the doc's
from the www.tapr.org site.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] Re: truck icon

From: w8xf@juno.com
Date: Fri, 23 Apr 1999 14:16:32 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17462-1999.04.23-13.23.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 23 Apr 1999 12:01:27 -0500 Robert Winingham <kc5ejk@onramp.net>
writes:
>/u LU TRUCK (18 wheeler)
>
>

>
>The DOS APRS doc's are required reading for APRS users.
Thanks for the help...ACTUALLY after experimentation, its just lower
case "u"
on the D7...thanx for the clue. Been several years since I tried to read
the DOS docs.

Mac W8XF

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] Garmin 12CX compatibility with TH-D7A

From: "Edward S. Raybould" <edward_raybould@dscc.dla.mil>
Date: Fri, 23 Apr 1999 16:45:57
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17483-1999.04.23-16.50.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I currently have the Garmin 12XL and it works fine with my TH-D7A. I am
thinking about "upgrading" to the Garmin 12CX (a color version of the 12XL
with more memory and a city database). I am assuming that it is compatible
with the TH-D7A, but I was wondering if anyone on this SIG has specifically
checked out that combination. Feedback, positive or negative, on the 12CX
would also be helpful.

73,
Ned Raybould, N8OIF

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] Re: Garmin 12CX compatibility with TH-D7A

From: John Vause <jdv@iglou.com>
Date: Fri, 23 Apr 1999 22:17:34 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-17495-1999.04.23-21.21.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes the 12CX and the D7A work just fine together.

"Edward S. Raybould" wrote:
>
> I currently have the Garmin 12XL and it works fine with my TH-D7A. I am
> thinking about "upgrading" to the Garmin 12CX (a color version of the 12XL
> with more memory and a city database). I am assuming that it is compatible
> with the TH-D7A, but I was wondering if anyone on this SIG has specifically
> checked out that combination. Feedback, positive or negative, on the 12CX
> would also be helpful.
>
> 73,
> Ned Raybould, N8OIF
>
> ---
--
* John Vause KF4ERV jdv@igloudot.com *
NOTE: email address altered for benefit of Spambots
"Unlike computers, guns don't have Y2K problems..."
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] Re: truck icon

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 23 Apr 1999 22:49:04 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-17498-1999.04.23-21.53.23--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

On Fri, 23 Apr 1999, Thomas M. Schaefer wrote:

> How does this apply to the D7?
> Is there a way I can put in a symbol code?

In the THD7, you can enter any of the 350 or more APRS symbols and overlay
characters, but remember, that the THD7 only can display the basic 15 or
so ICONS, so if you use many of the others, you wont display as a nice
"ICON" on other THD7's, but only as a symbol code...

> > It is all BOB's fault :-0 he called the file SYMBOLS.TXT

    [in 1992, in the DOS world, "ICONS" did not exist :-)

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

153. [htaprs] Volume control

From: Paul Womble <aj4y@concentric.net>
Date: Sat, 24 Apr 1999 14:05:09 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17578-1999.04.24-13.09.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a way to mute the data channel while listning to voice on the
other band?

Paul AJ4Y

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] Re: Volume control

From: John Ackermann <jra@febo.com>
Date: Sat, 24 Apr 1999 14:11:42 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17579-1999.04.24-13.15.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Is there a way to mute the data channel while listning to voice on the
> other band?
>
> Paul AJ4Y
>
>
> ---
> You are currently subscribed to htaprs as: jra@febo.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

The BAL key lets you set the balance between the two bands.

John N8UR
jra@febo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] volume

From: Paul Womble <aj4y@concentric.net>
Date: Sat, 24 Apr 1999 14:30:12 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17580-1999.04.24-13.34.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all for the info.

Paul AJ4Y

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] aprs /gps on TH-D7

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 24 Apr 1999 17:19:12 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17615-1999.04.24-19.25.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hey...i got my TH-D7 to talk to the gps.....i see myself up on www.aprs.net

kd8s las vegas nevada.....guys rode my bicycle 5 miles to the store andback
and it tracked on aprs net....check it out if youwant..going back outnow
for another ride on east las vegas

running magelan meridian xl gps, got the hardware in a backpack.....

steve

sure glad my kenwood is working....got the orange case for it, like it good

kd8s@skylink.net   WWW.LVRAC.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

157. [htaprs] 519pm pacific saturday..

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 24 Apr 1999 17:21:15 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17616-1999.04.24-19.27.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

oops....got to downlink TWAIR ham radio program off ge1 tr 12v at 6pm, will
talk my bicycle aprs mobile at 640pm for about an hour or so....look for
me on aprs net

KD8S   las vegas

kd8s@skylink.net   WWW.LVRAC.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

158. [htaprs] Re: volume

From: "Don Boekenkruger" <donb@direct.ca>
Date: Sun, 25 Apr 1999 00:03:44 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17648-1999.04.25-02.05.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have also found another way to do this without using the BAL control...
On the memory for your APRS frequency program a CTCSS of something like 67.0
Hz... This way the traffic on that channel will not be audible. I've not
found the tone to cause any problems when sending APRS messages / positions
etc and it allows you to chage the "A" VFO to something else quicly if you
want to listen to something, and not have to fiddle with the BAL setting.
If lots of people start doing this, then you may end up hearing others that
are within simplex range, unless of course they use a different tone. I
would think using tones too high in frequency might impare data
transmissions, especialy ones as audible as 250.3 etc... Since the data is
taken from the descriminator, this is before all the tone decoders etc., so
the TNC will hear it, but you wont.

Don.

----- Original Message -----
From: Paul Womble <aj4y@concentric.net>

To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Saturday, April 24, 1999 2:30 PM
Subject: [htaprs] volume

> Thanks to all for the info.
>
> Paul AJ4Y
>
>
> ---
> You are currently subscribed to htaprs as: DONB@DIRECT.CA
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

159. [htaprs] icon number designations

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 26 Apr 1999 07:50:05 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17814-1999.04.26-09.56.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i saw the list of suggested number designtors for the TH-D7 and i lost it
somehow...

such as   kd8s-9   kd8s 14   etc...

what numbers mean what so i can come into compliance

i am useing KD8S-9   for the thd-7 when i am walking with the runner icon

whoever posted it, please fire it back again

thanks

that aprs net works great

kd8s@skylink.net   WWW.LVRAC.ORG

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

160. [htaprs] TH-D7 ship address

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Tue, 27 Apr 1999 08:23:53 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17990-1999.04.27-10.30.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

got a few e mails about where i sent my TH-D7 in for the firmware fix. here
it is

kenwood service center west
13030 alondra blvd. #104
cerritos, ca. 90701-2257
562-483-8740

got my rig back in less than a week, the pulseing problem is gone, the lock
up problem is gone, the magellan meridian xl now works.....we should
repost on the tH-D7 web site that the meridian will work after the
firmware upgrade.

the sensitivity on vhf is now as good as my other rigs on the same antenna.

i am real happy with the rig now and the service department for getting
things fixed.

also, got the orange case for it, like it a lot

73
kd8s@skylink.net WWW.LVRAC.ORG

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

161. [htaprs] Firmware fix info and antenna

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Tue, 27 Apr 1999 09:07:14 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17997-1999.04.27-11.11.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My fix took 20 days because I sent it in without the freq knob. Since I often change volume but hardly ever change freq and since I always adjust my TH-D7A wearing thick ski gloves, I've taken the knob off. Turns out they had it sitting on a shelf waiting for a replacement knob! So if you want yours returned quicker, leave the knob on.

I ran an antenna test last night (2meter) with a simple 19 inch floppy wire and the wire's performance was WAY better than the stock antenna. Is my antenna defective? Can anybody recommend a better Kenwood-compatible antenna, preferrably telescoping?

Thanks,
Russ Brown, KB6LUD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

162. [htaprs] Leave

From: George Carr <amsecllc@telebyte.com>
Date: Tue, 27 Apr 1999 09:36:47 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18000-1999.04.27-11.41.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Our email addres changed from semcor@telebyte.com to amsecllc@telebyte.com. We desire to leave Special Interest Group.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

163. [htaprs] re: Kenwood-compatible antenna

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 27 Apr 1999 12:46:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Message-ID: <LYR845-18005-1999.04.27-12.50.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

start here :
http://www.best.com/~wdunckel/thd7.html

http://www.cedar.net/users/dvanhorn/kenwood.html

Here is some info from my reading of this sig.

ANTENNA for D7A

Pryme RD-98 2 m 2.15 dbi / 70 cm 5.3 dbi 20W max 50 Ohm 16 inches $27.95
        SMA connector 16.5 in total length
.
Comet SMA-24 2 m 2.15 / 70 cm 5.3 db gain respectively on 2m/70cm
        $22.95 at Ham Radio Outlet.

NCG SMA-24, 2M/440 FLEXIBLE 17 IN. SMA ANT $22.95
CMT SMA24 COMET 2M/440 17" SMA WHIP 22.95
Comet SMA24 2.15 / 5.3 dbi 144/446 Mhz respectively.
              It's the "thin whip" type, about 2x longer than the standard rubber duck.
.
DIAMOND SRH-519, 2M/440TX 120/150/300/800RX SMA $32.95, In Stock 8 inch HRO

DIAMOND SRH-519 2M/440 8.3"FLX SMA WHP   32.95
                  10W 50 ohm 21 cm 9g 1/4 wave 144/430 ? 150/300/450/800Mhz ?

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

164. [htaprs] Mouser - now has D7 data cables

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 27 Apr 1999 16:05:39 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18014-1999.04.27-15.09.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Contrary to the email I received from them three weeks ago, Mouser now
has the D7 data cables (item number 172-2010) in stock and I recieved my
order today, via UPS ground, not after May 6th as they stated ... I don't
mind at all! <grin>

 73 de brian, ka2bqe

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "If ye love wealth greater than liberty, the tranquillity of servitude
   greater than the animating contest for freedom, go home from us in
   peace. We seek not your counsel, nor your arms. Crouch down and lick
   the hand that feeds you. May your chains set lightly upon you; and may
   posterity forget that ye were our countrymen." -- Samuel Adams

---
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165. [htaprs] RE: KISS mode?

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Wed, 28 Apr 1999 16:41:40 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18108-1999.04.28-10.19.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op vrijdag 23 april 1999 5:13, heeft Wes Johnston
[SMTP:kd4rdb@bellsouth.net] geschreven:
> Does D7 have kiss mode?
>
Maby a bit late but yes it does have a kiss mode:
KISS ON
RESTART

rember to send a restart (not reset) or it wont work.

73 de Andre PE1RDW

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

166. [htaprs] las vegas CAT bus tracker

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 28 Apr 1999 08:20:48 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18111-1999.04.28-10.27.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't have a car, so i get around on my bicycle and walk, walk a lot , and
the citizens area transit (CAT) bus in las vegas.

i take my magellan meridian xl and the TH-D7 inside a small bag., with me.
i found on the bus that i always get good satellite lock on gps, so good
nema to the rig, and if i beacon out every 30 seconds i stand a better
chance of hitting the two local digipeters.

i tell the guys at the tv station where i work to track me, and the local
hams are out there also.

its a fun way to kill time rideing the bus to play with the rig, and there
area always plenty of technical docs to read about the kenwood, the magellan
and winaprs

i also found that people are reluctant to sit by me, which is good!

73
kd8s@skylink.net   WWW.LVRAC.ORG

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

167. [htaprs] Re: Battery Case Plastic

From: rwf <rwf@BSRG.org>
Date: Wed, 28 Apr 1999 22:58:03 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18187-1999.04.28-21.55.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You are not the only person who I know that this happened to!
And it seems to be a problem with other recent belt-mounted Japanese
products.
I ripped a nice hole in the back of my Nokia 6160 tri-mode PCS-Cell phone
just by using the little swivel belt clip.
I sat down in the car with it on my belt, and the swivel- didn't.
Similar thing happened to a friend's D7

Ralph

Tony Allsop wrote:

>The handle caught the radio and tore the belt clip, along with a section of
>the battery case, off the radio.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

168. [htaprs] TH-D7 LAS VEGAS CAT BUS

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Thu, 29 Apr 1999 08:50:49 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18283-1999.04.29-10.57.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

received some e mail about my trips on the cat bus to work, thanks.

experimenting, wed i just had the thd7 sitting in the bag with the antenna
verticle beacon out the window. someone sent me a track off
maps.aprs.net/kd8s-9

and i noticed not as many hits to the digis. tuesday i held the thd7 in my
hand in the clear out the bus window. this was all done sitting in the
front of the bus faceing the nearest digi.

today, thursday, i will take a chance and sit in the rear of the bus with
the tracker setup shooting data out theback of the widow.

that magelan meridian xl is a battery eater. going to figure out a way to
power the thd7 and the gps off a bigger battery.

the bag i use i got at a swap and shop to hold my simpson 260 vom.

i am sure i could come up with a better xport method but have not put any

effort into it.

if i don;t get ripped off sitting in the back of the bus today, look for my signal.
also...for a laugh.....while on the way home last night, i had my drill with me that i just had fixed.

  this is a hammer drill. i put it in my tracker bag. the handle of the drill just barely stuck out of the bag.

while on the bus, some guy sitting next to me kept looking at my tracker bag. he said "hey man what is that thing" i figured he would not understand if i told him what it was, meaning the gps , so i said, "hey what do you think it is? " he said "yea i know what it is and i am moveing. on the way out of the bus he said something to the bus driver. later, the bus driver stopped the bus and came back to my seat and asked me to depart the bus. i did and then two bus company employees outside the bus were waiting. they took my bag for inspection. opened it....and then they laughed.....it was only a drill........NOT A GUN!

the passenger told the driver i had a gun.

i told the bus company employees about the tracker, they liked the idea. i sent the aprs maps url over to them this morning via fax.

73

73
kd8s@skylink.net   WWW.LVRAC.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

169. [htaprs] Re: TH-D7 LAS VEGAS CAT BUS

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Thu, 29 Apr 1999 11:40:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18290-1999.04.29-11.44.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> the passenger told the driver i had a gun.

I used to commute to work, about an hour and a half each way, by bus. Since this was a huge waste of time, I built myself a briefcase proto kit. I had components, a solderless breadboard with 6V and 12V gell cells for power, a cordless solder iron, a two channel NLS scope, DVM, and whatever data sheets I might need.

I did the design and prototyping of my first paid engineering job on the Ewa Beach bus. It was an adaptive trigger for a seismic alarm system. It allowed the system to adapt to whatever changing noise level there was at the site, but still pick up footsteps and vehicles rolling into the area. With a 105' dish buffeted by trade winds, and a large cryo pump cycling, there was a very variable noise background.

I tested it on the bus, and when I was satisfied, I went up to the site and installed it.
It worked just fine. The company that designed the system had sent an engineer out twice to try to "tune" the system, but never could get it to work. They bought my design, and integrated it into their next rev..

But I never got pulled over on a weapons bust!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

170. [htaprs] TH-D7 digi las vegas

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Fri, 30 Apr 1999 07:22:46 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18444-1999.04.30-09.29.11--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

got more e mail about coverage of las vegas digi

go check out franks info at

www.qsl.net/n7zev

i use the one northeast of town since i live on the far east side of las vegas

while your at it and if comeing to vegas check out

146.73 use touchtone to retreive local ham radio info on demand

click on QST machine at

www.lvrac.org

kd8s@skylink.net WWW.LVRAC.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

171. [htaprs] TH-D7 CHARGING

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Fri, 30 Apr 1999 09:24:27 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18470-1999.04.30-11.30.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

PAGE 3 OF TH-D7 MANUAL

.....use pack until completely discharged then recharge.

so each night i let the rig run down the battery then into the desk charger drop in for about 1 and a half hours its back up then i remove it from the charger.

i have a nicad pack in a bearcat handheld scanner that i always let the battery run all the way down, then recharge. i have had the same pack in that radio for over 4 years

73
kd8s@skylink.net WWW.LVRAC.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] friday 930 am april 30

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Fri, 30 Apr 1999 09:26:58 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18475-1999.04.30-11.33.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

heading out to ride the cat bus to work at 945 am pacific in case anyone wants to track me

th-D7 and a magellan meridian xl

http://maps.aprs.net/kd8s-9

heading home about 7p pacific time on the bus

kd8s@skylink.net WWW.LVRAC.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

173. [htaprs] TH-D7A antenna connector

From: "Bear DuMont" <bear@slic.com>
Date: Fri, 30 Apr 1999 21:49:31 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18533-1999.04.30-20.59.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone found a connector that goes from whatever the D7A is to ANYTHING
else. preferably BNC? thanks.

Jeremy "ß£ÅR" DuMont

-----BEGIN GEEK CODE BLOCK-----Version: 3.1
GAT d+ a? C++++ UL L+ W+++ w+++++ O M-- PS Y PGP t--- tv++ DI++++ G h*r---
z--
------END GEEK CODE BLOCK------

decode @ http://www.ebb.org/ungeek/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

174. [htaprs] Re: TH-D7A antenna connector

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Fri, 30 Apr 1999 21:08:59 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18535-1999.04.30-21.13.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Has anyone found a connector that goes from whatever the D7A is to
ANYTHING
> else. preferably BNC? thanks.

I use an SMC to BNC female I found at a swap meet. I have also some SMC to
BNC adaptors, but I do NOT reccomend this, it looks way to easy to rip the
SMC right out of the radio.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

175. [htaprs] Re: TH-D7A antenna connector

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Fri, 30 Apr 1999 20:37:32 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-18551-1999.04.30-23.08.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My local electronic parts store (SuperTronics in Tukwila) had RG-174 mini
coax, SMA and BNC connectors. I put the SMA connector on end t mate with the
radio and the BNC on the other end. I chose to use about 3 feet of RG-174 to
make a long flexible cable to allow easy use without placing stress on the
radio.

Tech America had these parts and cable also (Tandy Corporation)

Worked great

Glenn, KG7IL in Renton, Washington
http://kg7il.foxinternet.net

Dave VanHorn wrote:

> > Has anyone found a connector that goes from whatever the D7A is to
> ANYTHING
> > else. preferably BNC? thanks.
>
> I use an SMC to BNC female I found at a swap meet. I have also some SMC to
> BNC adaptors, but I do NOT reccomend this, it looks way to easy to rip the
> SMC right out of the radio.
>
> ---
> You are currently subscribed to htaprs as: kg7il@foxinternet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

May 1999

Original source file: htaprs.9905
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9905

1. [htaprs] Re: TH-D7A antenna connector

From: "Richard H Westray" <n6iim@arrl.net>
Date: Sat, 1 May 1999 12:37:46
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18609-1999.05.01-12.42.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 04/30/99, ""Bear DuMont" <bear@slic.com>" wrote:
> Has anyone found a connector that goes from whatever the D7A is to ANYTHING
> else. preferably BNC? thanks.
>
> Jeremy "□□□R" DuMont
>

The local Ham Radio Outlet store here in San Diego had a SMC to female BNC
connector to use on the D7A. Cost was about $9. Their part number was
CN-3.

Skip Westray
n6iim@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

2. [htaprs] test

From: John Vause <jdv@iglou.com>
Date: Sun, 02 May 1999 11:03:27 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-18737-1999.05.02-10.06.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

test
--
* John Vause KF4ERV jdv@igloudot.com *
NOTE: email address altered for benefit of Spambots
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] New THD7 program -

From: Walter Dunckel <wdunckel@best.com>
Date: Sun, 02 May 1999 11:24:01 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-18752-1999.05.02-13.29.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have posted a program as well as it's source code
(in Visual Basic v. 5.0) at the following website:

http://www.best.com/~wdunckel/d7zpinfo.htm

It includes the following functions:

1.	Spectrum Analyzer "slow scan" - This scans any 4 Mhz
	spectrum selected and graphs any activity with a signal
	strength reading of 1 or above. Band needs to be in VFO
	mode. Results are displayed on a chart/graph.
2.	Dual signal strength indicators (one for each band) work
	simultaneously
3.	Frequency control with up/down and step, as well as a/b band
	and dual band selection and VFO/Mem selection.
4.	A two line history of the communication so you can see what
	commands are being sent to the radio while you use the program.
5.	Push to talk and VFO scan can be selected with the mouse,
	and the program should work on either comm port 1,2,3 or 4.
6.	There is an area to enter unique commands manually using
	the commands that were reverse engineered by Darryl Smith.

This program, again, is far from perfected, but appears to operate with
reasonable success on two of my machines. By the way, I have not
started to implement any APRS functions or settings in this program yet.

Walter Dunckel

http://www.best.com/~wdunckel/thd7.html
[Attachment: wdunckel.vcf; text/x-vcard; 123 bytes]

4. [htaprs] D7E ? Entering Mycall using F\G7RMG

From: GEOFFG7RMG@aol.com
Date: Sun, 2 May 1999 17:41:53 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18777-1999.05.02-16.47.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello, I'm having problems with entering mycall using the backslash for use
in France,any ideas please. Geoff

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] Re: Mouser - now has D7 data cables

From: "Steve Sande" <kc0ezh@arrl.net>
Date: Sun, 2 May 1999 17:26:28
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18789-1999.05.02-17.30.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings! I'm new to this SIG, so excuse my ignorance if I repeat a
question that someone else has asked many times already.

The question is...has anyone posted the pinouts required to take a standard
DB-9 connector and the Mouser 172-2010 cable described earlier and make the
equivalent of the Kenwood PG-4W cable? If so, could you point me in the
right direction?

One other rather nebulous question - what's a good, inexpensive GPS
receiver for use with the D7?

Thanks! I've recently acquired a TH-D7A and love it. I was at a local
hamfest yesterday where a group of folks were showing off APRS; they were
fairly impressed when I zapped a text message to them.

Steve, KC□EZH
Highlands Ranch, CO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] Grid Squares

From: aparise@fast.net
Date: Sun, 2 May 1999 22:13:29 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18813-1999.05.02-21.18.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the "List", sometimes a "T" or "N" procedes the grid square
location. Does anyone know the significance of this extra letter?
Anthony Parise
WA3HRL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

7. [htaprs] Re: Grid Squares

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 2 May 1999 22:33:10 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-18820-1999.05.02-21.38.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 2 May 1999 aparise@fast.net wrote:

> On the "List", sometimes a "T" or "N" procedes the grid square
> location. Does anyone know the significance of this extra letter?

These are actually part of the ICON. THey are the overlay characters for
WIDE, TRACE and WIDEn-n Digis..

de Wb4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] Re: Grid Squares

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sun, 2 May 1999 21:41:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-18825-1999.05.02-21.45.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>On the "List", sometimes a "T" or "N" procedes the grid square
>location. Does anyone know the significance of this extra letter?

Good question, I wondered also.
The short answer is that it is part of the ICON

APRS has the ability to overlay a number or letter on top of the ICON
it seem like Kenwood just moved the number or letter up a line.

The T and N where they with the star digi ICON ?

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] Re: D7E ? Entering Mycall using F\G7RMG

From: "bob" <w2g3zfj@unix.asb.com>
Date: Mon, 3 May 1999 07:32:28 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18864-1999.05.03-06.38.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've had this probelem frequently over the years (not just with the D7A, but
with all TNC's). You can not, as far as I know use a '/' as part of a packet
callsign string. I believe it is part of the AX25 specification. So, I
generally just use my own callsign and add the country specific part (e.g.
w2/g3zfj) in the beacon text. As long as you are id'ing it's OK. It doesn't
have to be the actual callsign on the callsign field.

My 2p or 2c!

73 de bob w2/g3zfj

-----Original Message-----
From: GEOFFG7RMG@aol.com <GEOFFG7RMG@aol.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Sunday, 02 May, 1999 18:10
Subject: [htaprs] D7E ? Entering Mycall using F\G7RMG

>
>
>Hello, I'm having problems with entering mycall using the backslash for use
>in France,any ideas please. Geoff
>
>---
>You are currently subscribed to htaprs as: W2G3ZFJ@UNIX.ASB.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] 2 Visual Communicators for Sale

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Mon, 3 May 1999 09:28:02 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18923-1999.05.03-11.32.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Two Kenwood VC-H1 Visual Communicators for sale. Excellent condition,
batteries included.
$360 each (firm) plus $10 shipping.

Russ Brown, KB6LUD
San Juan Capistrano, CA
work: (714) 896-5161

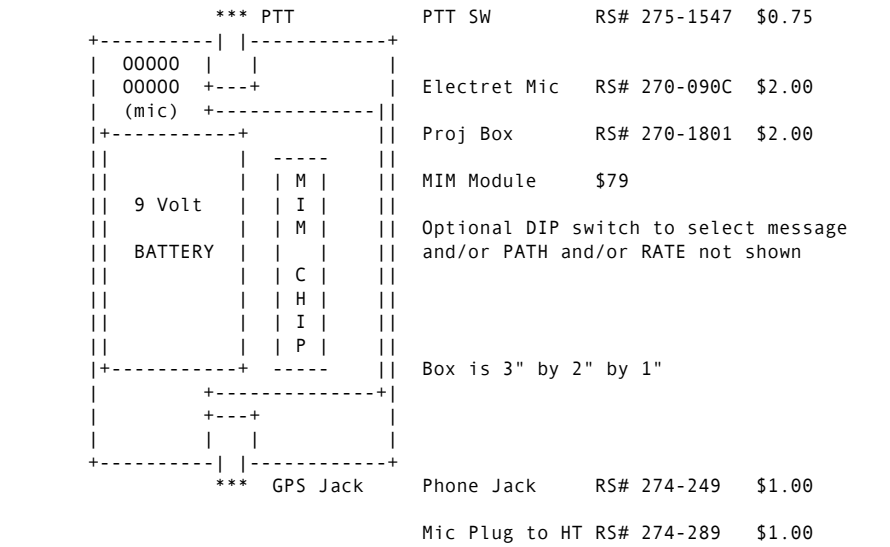
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] Mic-Lite

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 4 May 1999 10:36:47 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        aprsnews@tapr.org
Message-ID: <LYR845-19090-1999.05.04-09.42.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is how to have a completely self contained Mic-Encoder for use with
any HT or radio. Its just a MICrophone case, with everything self
contained including a 9v battery. SImply plug it into any radio, plug the
GPS into it, and you are on the air..

And, rather than trying to find just the right size Mic case, I just got
the small black minibox from Radio Shack and put it all inside with its
own Electret Mic Element! THus, it is easy to build and copy by anyone.
Total parts count at Radio Shack is $6.75 plus the MIM and Battery.



Also not shown is the 3 foot 2 conductor flexible mic wire to the Mic plug
to plug into the mic jack of any ICOM/YEASU/ALINCO HT. For kenwood, you
need a 3 conductor cable and two plugs and a speaker.

I saved one switch, by hooking the battery to the GPS Jack so that the
module is only ON when the GPS is plugged in.

I will be selling the MIM Modules in my booth at Dayton.

APRS Engineering LLC

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] Information request

From: John Domville <domville@onlineimage.com>
Date: Tue, 04 May 1999 18:37:28 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19137-1999.05.04-17.41.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been operating portable packet with my Kenwood HT with no
problems. I just pick up a "mini" HT that has the same Miniature and
sub-miniature connectors as the Kenwood. But the split PTT line (Cap and
resister) set up does not work with the mini. The mini manual said that
the Mic audio and the receive audio do not use the same ground.
    Can any one tell me how I can get around this and get this mini
transceiver to talk to a standard TNC.

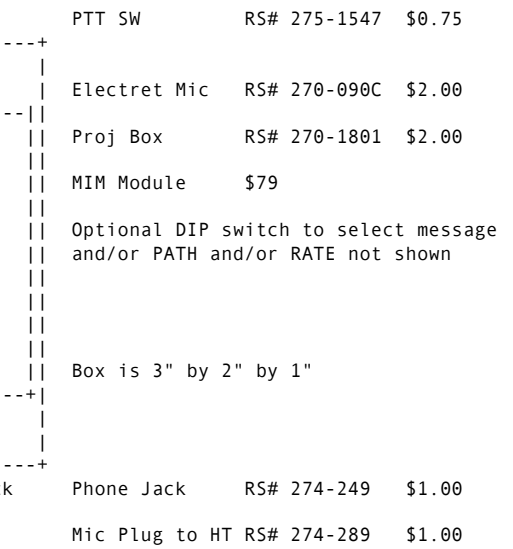
John / KC2EQ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] Fwd: [aprsnews] Mic-Lite

From: k6mar@lightspeed.net
Date: Wed, 5 May 1999 07:44:04 pst
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        aprsnews@tapr.org
Message-ID: <LYR845-19222-1999.05.05-09.48.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

****** Forwarded Message Follows *******
>To: "APRS Announcements" <aprsnews@lists.tapr.org>
>From: Bob Bruninga <bruninga@nadn.navy.mil>
>Date: Tue, 4 May 1999 10:36:47 -0400 (EDT)
>
>Here is how to have a completely self contained Mic-Encoder for use with
>any HT or radio. Its just a MICrophone case, with everything self
>contained including a 9v battery. SImply plug it into any radio, plug the

>GPS into it, and you are on the air..
>
>And, rather than trying to find just the right size Mic case, I just got
>the small black minibox from Radio Shack and put it all inside with its
>own Electret Mic Element! THus, it is easy to build and copy by anyone.
>Total parts count at Radio Shack is $6.75 plus the MIM and Battery.
>
>


>
>Also not shown is the 3 foot 2 conductor flexible mic wire to the Mic plug

>to plug into the mic jack of any ICOM/YEASU/ALINCO HT. For kenwood, you
>need a 3 conductor cable and two plugs and a speaker.
>
>I saved one switch, by hooking the battery to the GPS Jack so that the
>module is only ON when the GPS is plugged in.
>
>I will be selling the MIM Modules in my booth at Dayton.
>
>APRS Engineering LLC
>Bob
>
>
>
>---
>You are currently subscribed to aprsnews as: k6mar@lightspeed.net
>To unsubscribe send a blank email to leave-aprsnews-7675P@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] TNC settings for satellite work

From: GPersons <railfan@centurion.flash.net>
Date: Wed, 05 May 1999 13:40:51 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19260-1999.05.05-13.45.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok, I surrender. How do you set up the D7 for satellite work? I set the
downlink frequency and open the packet TNC on the radio. I then open
hyperterminal, set hbaud to 9600, KISS to on and type in restart. When I
enter restart the cursor goes back to the left and never echoes back
anything. Am I doing something wrong? How do I know if the radio is in KISS
mode and set at 9600 baud? I have to close hyperterminal to run Wisp. Also,
if there are any WISP experts out there, which TNC does the TNC setting
need to be for the D7 in the setup dialog for WISP?

HELPPPPPPP!

TNX in advance!

Gary

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] TH-D7 not going into TNC mode.

From: Darryl Smith <vk2tds@ozemail.com.au>
Date: Tue, 04 May 1999 18:17:54 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19286-1999.05.05-15.14.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings...

I just had an interesting problem with my radio (TH-D7). I attempted to
turn the TNC on, and it refused to go into TNC mode. It just displayed
the message 'Initializing TNC'. Power off did not help. I eventually did
a reset, and uploaded all the settings again. That fixed the problem -
Has anyone had a similar problem.

Darryl Vk2TDS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] Re: TNC settings for satellite work

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 5 May 1999 16:48:29 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-19300-1999.05.05-15.53.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 5 May 1999, GPersons wrote:

> Ok, I surrender. How do you set up the D7 for satellite work? I set the
> downlink frequency and open the packet TNC on the radio. I then open
> hyperterminal, set hbaud to 9600, KISS to on and type in restart.

Not RESTART, but RESET. I think RESTART resets everythign to factory
defaults. RESET resets it and will cause it to switch into KISS mode as
yo uwant...

de WB4APR, Bob

> enter restart the cursor goes back to the left and never echoes back
> anything. Am I doing something wrong? How do I know if the radio is in KISS
> mode and set at 9600 baud? I have to close hyperterminal to run Wisp. Also,
> if there are any WISP experts out there, which TNC does the TNC setting
> need to be for the D7 in the setup dialog for WISP?
>
> HELPPPPPPP!
>
> TNX in advance!
>
> Gary
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] Fw: TH-D7 not going into TNC mode.

From: "Andy Fu" <andyfu@espmail.com>
Date: Wed, 5 May 1999 14:39:38 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19310-1999.05.05-16.50.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had the same problem twice. I fixed it by changing the DATA channel from
A to B and then back.   It is definitely one more of those intermittment
bugs in the D7. I recommend them hire a software QC person before they
release another patch.

Here is list of problems I am dealing with:

a) D7 freezes all by itself, power button does not work - remove battery to
reset
b) TNC opening message frozen -- try changing Data channel from A to B (or B
to A) and back
c) Longitude sometimes offset by -1 degree as reported by non-Kenwood
TNCs -- no solution

Good luck.

-Andy-
AC6GN
Los Altos, CA

-----Original Message-----

From: vk2tds@ozemail.com.au <vk2tds@ozemail.com.au>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Wednesday, May 05, 1999 1:15 PM
Subject: [htaprs] TH-D7 not going into TNC mode.

>Greetings...
>
>I just had an interesting problem with my radio (TH-D7). I attempted to
>turn the TNC on, and it refused to go into TNC mode. It just displayed
>the message 'Initializing TNC'. Power off did not help. I eventually did
>a reset, and uploaded all the settings again. That fixed the problem -
>Has anyone had a similar problem.
>
>Darryl Vk2TDS
>
>
>
>
>---
>You are currently subscribed to htaprs as: andyfu@espmail.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Re: Fw: TH-D7 not going into TNC mode.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 5 May 1999 20:29:08 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-19331-1999.05.05-19.33.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 5 May 1999, Andy Fu wrote about his THD7:

> c) Longitude sometimes offset by -1 degree as reported by non-Kenwood
> TNCs -- no solution

Were you using APRS+SA? I think (I maybe wrong) that Brent found that
problem and fixed it very recently...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] E-mail over APRS with the D7A?

From: "Jeff Budzynski" <jeffb@t-one.net>
Date: Wed, 5 May 1999 21:10:53 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19333-1999.05.05-20.15.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I remember someone mentioning that it was possible to send e-mail with the APRS system to my D7A.
Anyone have any idea about how this is possible?
Thank you for any information!
_____
Jeff Budzynski | jeffb@t-one.net
KC8DCO

20. [htaprs] Satellite info

From: Paul Womble <aj4y@concentric.net>
Date: Wed, 05 May 1999 22:07:54 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19346-1999.05.05-21.12.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What satellite(s) will be the best to try to copy on uhf 9600baud with
the D7A?

Thanks
Paul AJ4Y

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] RES: E-mail over APRS with the D7A?

From: "Rodrigues, Sr. Alex Pinheiro Machado" <alex@bra.ops-oms.org>
Date: Wed, 5 May 1999 23:39:28 -0300
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19351-1999.05.05-21.54.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think so..
You can send/receive ICQ messages with APRS!!!

Something like this:

Message:

[CALLSIGN] [ICQ UIN] [MESSAGE]

ICQ UIN is a ICQ gateway to APRS (I don't remember the callsign)

73!

PT2VHF - Alex, Brasilia, Brazil

-----Mensagem original-----
De: Jeff Budzynski [mailto:jeffb@t-one.net]
Enviada em: Quarta-feira, 5 de Maio de 1999 22:11
Para: TAPR HT APRS Special Interest Group
Assunto: [htaprs] E-mail over APRS with the D7A?

I remember someone mentioning that it was possible to send e-mail with
the APRS system to my D7A.
Anyone have any idea about how this is possible?
Thank you for any information!
_____
Jeff Budzynski | jeffb@t-one.net
KC8DCO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Re: E-mail over APRS with the D7A?

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Wed, 5 May 1999 23:20:11 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-19355-1999.05.05-22.27.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I remember someone mentioning that it was possible to send e-mail with the
>APRS system to my D7A.
>Anyone have any idea about how this is possible?
>Thank you for any information!
>_____

You send a message TO   email

The body of the message contains the email address in the form of

name@domain.xxx

Then you put a space and the message.. You are limited, so the longer
their email address, the shorter the message

This encourages people to use a re-director such as ARRL.ORG or TAPR.ORG in

the form of   call@tapr.org

My address is:

ksproul@noc.rutgers.edu   or if I had the redirector capability at TAPR
wu2z@tapr.org   This is MUCH easier and shorter

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] Re: TH-D7 not going into TNC mode.

From: "Ron Reeves" <ron.reeves@worldnet.att.net>
Date: Wed, 5 May 1999 21:07:25 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19361-1999.05.05-23.14.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just had mine seem to quit working for the tnc and most keypad functions.
It will not go in to dual band, the menu, tnc, vfo, etc. Since I can not
get to the menu how do I reset? I tried the pc port for downloading the old
file but it does not respond.

Has anyone had this problem? I did fly commercial and maybe the baggage
scan upset the apple cart.
Any ideas?

Ron Reeves
N7QXO
ron.reeves@worldnet.att.net

-----Original Message-----
From: Darryl Smith <vk2tds@ozemail.com.au>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Wednesday, May 05, 1999 1:12 PM
Subject: [htaprs] TH-D7 not going into TNC mode.

>Greetings...
>
>I just had an interesting problem with my radio (TH-D7). I attempted to
>turn the TNC on, and it refused to go into TNC mode. It just displayed
>the message 'Initializing TNC'. Power off did not help. I eventually did
>a reset, and uploaded all the settings again. That fixed the problem -
>Has anyone had a similar problem.
>
>Darryl Vk2TDS
>
>
>
>
>---
>You are currently subscribed to htaprs as: ron.reeves@worldnet.att.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] TH-D7 puts me in the Pacific Ocean

From: "Andy Fu" <andyfu@aptl.com>
Date: Wed, 5 May 1999 21:39:01 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19365-1999.05.05-23.44.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob,

No, I am not using APRS+SA in the car. Here is the symtom if someone can figure it out:

Equipment in car: TH-D7a, Garmin III+ (also tried Garmin 45, Eagle...),
Path: relay,wide

Problem: When I am in certain area (near my office for example), my longitude RELAYed by other stations suddenly has an -1 degree offset. This moves my car from the parking lot right into the Pacific Ocean (this could explain why my car started to rust recently).

I use APRS+SA to check my position and found one nearby station relaying the correct longitude, one VERY NEARBY station (100', pico TNC) relaying the wrong longitude. Also http://maps.aprs.net/AC6GN puts me in the ocean too so I asssume this is caused by the IGATE station relaying the wrong info too.

Here is the tough one, if I start driving away from my office (may be a mile), everything works fine, the same stations now report my longitude correctly.

Conjecture:
a) This is caused by a worm-hole or some sort of space-time distortion near my office
b) APRS jamming by my jealeous non-ham neighbors
c) Kenwood D7a firmware problem
d) APRS+SA bug
e) I don't know

My current guess is (e), may be you can help.

Thanks,

-Andy-
AC6GN
The "Pacific Ocean APRS station"

>On Wed, 5 May 1999, Andy Fu wrote about his THD7:
>
>> c) Longitude sometimes offset by -1 degree as reported by non-Kenwood
>> TNCs -- no solution
>
>Were you using APRS+SA? I think (I maybe wrong) that Brent found that
>problem and fixed it very recently...
>
>de WB4APR, Bob
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Fw: Re: Fw: TH-D7 not going into TNC mode.

From: "Andy Fu" <andyfu@aptl.com>
Date: Wed, 5 May 1999 22:17:29 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19390-1999.05.06-00.22.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob,

One more clue for my longitude offset problem, my office building's longitude is -122.01. Do you think selective availability right at an integer longitude could cause this problem? Do you know of someone with a D7 who lives near an "interger" longitude that can help? It's a bit of a drive for me to test this at -121.00 and I need a boat to get to -123.00 which I am not about to do.

Thanks.

-Andy-
AC6GN

>On Wed, 5 May 1999, Andy Fu wrote about his THD7:
>
>> c) Longitude sometimes offset by -1 degree as reported by non-Kenwood
>> TNCs -- no solution
>
>Were you using APRS+SA? I think (I maybe wrong) that Brent found that
>problem and fixed it very recently...
>
>de WB4APR, Bob
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] Help with TH-D7a Longitude problem

From: "Andy Fu" <andyfu@aptl.com>
Date: Thu, 6 May 1999 01:13:01 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19394-1999.05.06-03.18.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All TH-D7a Users,

If you own a D7 and can travel to an "Integer" Longitude (eg. -120.000) please let me know if other APRS stations (non-Kenwood) receive your longitude with a -1 degree offset. As a matter of fact, if everyone would MANUALLY input an integer Longitude and disable the NMEA for a moment and run this test to confirm if there is an "integer" problem with the D7 firmware, I would much appreciate. Could this also happen with integer Latitude?? May be a Y2K bug????

Thanks guys.

-Andy-
AC6GN

27. [htaprs] APRS IN South Africa

From: zr5dwc@iafrica.com
Date: Thu, 6 May 99 09:07:45 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19397-1999.05.06-04.12.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HI all

I have just got my self a TH D7 one of only a few in South
Africa. I would love to use a lot of the APES functions but
their is little or no intrest in APRS due to cost etc.
Could some one please tell me what is requierd to do e-mail
with APRS. We have a few packet staion here that work with
tcp/ip. I have a hunch that this would be a good starting
point .

Many thanks
Peter
ZR5DWC South Africa.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] Re: TH-D7 puts me in the Pacific Ocean

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 6 May 1999 09:22:03 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-19421-1999.05.06-08.26.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know. You are using APRS+SA at home or wherever, and it had a 1 degree
"receive" error at some longitudes. So you need to get a new APRS+SA, and
this problem will go away...

bob
 On Wed, 5 May 1999, Andy Fu wrote:

> No, I am not using APRS+SA in the car.   Here is the symtom if someone can
> >
> >> c) Longitude sometimes offset by -1 degree as reported by non-Kenwood
> >> TNCs -- no solution
> >
> >Were you using APRS+SA? I think (I maybe wrong) that Brent found that
> >problem and fixed it very recently...
> >
> >de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] Re: Fw: Re: Fw: TH-D7 not going into TNC mode.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 6 May 1999 09:24:13 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-19422-1999.05.06-08.28.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Again, the propblem in is APRS+SA when it receives a THD7, the problem is
not in the THD7.

bob

On Wed, 5 May 1999, Andy Fu wrote:

> Hi Bob,
>
> One more clue for my longitude offset problem, my office building's
> longitude is -122.01. Do you think selective availability right at an
> integer longitude could cause this problem?   Do you know of someone with a
> D7 who lives near an "interger" longitude that can help? It's a bit of a
> drive for me to test this at -121.00 and I need a boat to get to -123.00
> which I am not about to do.
>
>
> Thanks.
>
> -Andy-
> AC6GN
>
>
>
> >On Wed, 5 May 1999, Andy Fu wrote about his THD7:
> >
> >> c) Longitude sometimes offset by -1 degree as reported by non-Kenwood
> >> TNCs -- no solution
> >
> >Were you using APRS+SA? I think (I maybe wrong) that Brent found that
> >problem and fixed it very recently...
> >
> >de WB4APR, Bob
> >
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] Re: Help with TH-D7a Longitude problem

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 6 May 1999 09:26:06 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-19423-1999.05.06-08.30.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The longitude bug was in APRS+SA, and Brent has fixed it in recent
releases.

de WB4APR, Bob

On Thu, 6 May 1999, Andy Fu wrote:

> If you own a D7 and can travel to an "Integer" Longitude (eg. -120.000)
> please let me know if other APRS stations (non-Kenwood) receive your
> longitude with a -1 degree offset. As a matter of fact, if everyone
> would MANUALLY input an integer Longitude and disable the NMEA for a
> moment and run this test to confirm if there is an "integer" problem
> with the D7 firmware, I would much appreciate. Could this also happen
> with integer Latitude?? May be a Y2K bug????

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] Re: APRS IN South Africa

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 6 May 1999 09:30:45 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-19424-1999.05.06-08.37.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 6 May 1999 zr5dwc@iafrica.com wrote:

> I have just got my self a TH D7 one of only a few in South
> Africa. Could some one please tell me what is requierd to do e-mail
> with APRS.

It is simple, just run WinAPRS or APRS+SA or any of the other APRS-Igate
software tied to a radio and the internet. Then any message transmitted
by anyone in your area to "EMAIL" and that contains an Email address at
the start of the line will be processed in to EMail. ALso, by keeping
this IGate running, anyone in the "APRS world" can send and receive
messages to your THD7 live...

de WB4APR< Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] las vegas cat bus aprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Thu, 6 May 1999 08:35:00 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19439-1999.05.06-10.41.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi all , still runing aprs on the city bus kd8s-9

the last couple of days my th-d7 started a problem with booting up the tnc
open program.

when i press. tnc on the display comes up and indicates it is trying to
open the tnc, but never happens. i press it to go to packet and it opens up
in packet mode.

i thought it was just"a freak of nature" event but it happened wednesday.
  i booted it up this morning and it went to open the tnc and stuck in xmit
beacon mode. i had to unplug the battery pack to kill it.

    ever since i got the rig back after upgrade to fix the gps problem,
about 3 weeks ago, its been fine. sticking in xmit mode now makes me keep
a real close eye on it.

73
kd8s@skylink.net   WWW.LVRAC.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

33. [htaprs] Longitude Offset problem

From: "Andy Fu" <andyfu@espmail.com>
Date: Thu, 6 May 1999 10:48:47 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19456-1999.05.06-12.54.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob,

Thanks. I am glad to hear the longitude problem is not with the D7. Now I
will just have to find a way to inform all the relay and wide station owners
around me to download the latest patch for APRS+SA.

-Andy-
AC6GN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

34. [htaprs] Re: Fw: Re: Fw: TH-D7 not going into TNC mode.

From: "Don Boekenkruger" <donb@direct.ca>
Date: Thu, 6 May 1999 11:13:07 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-19457-1999.05.06-13.14.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Don Boekenkruger <donb@direct.ca>
To: Andy Fu <andyfu@aptl.com>
Sent: Thursday, May 06, 1999 12:47 AM
Subject: Re: [htaprs] Fw: Re: Fw: TH-D7 not going into TNC mode.

> Just saw a later message of yours....
>
> This is on the right track... The scenario we have here is that when
> someone is at something like 49 , 10 . 64 x 123 , 00 . 06 SOMEONE is
> digipeating it as 49 , 10, 64 x 123 , 60 . 06... As far as we know this
> only happens with people with D7's, but we feel it MAY be something to do
> with the MIC-E stuff... Some software out there does not decode the MIC-E
> stuff properly and instead of going 00 - 59 it may be going from 01 -
60...
> Maybe it can be brought to the software people's attention... And maybe
> Kenwood might look into it... The problem only show up once you get
> digipeated by particular stations running particular software we think...
> This problem is not apparent with other trackers, and the noly difference
I
> can think of between my radio and say a KPC-3 PLUS is the MIC-E, the radio
> seems to output the data properly it seems to get "corrupted" by someone
> along the way.
>
> Don Boekenkruger, VE7CBT
> sales@burnabyradio.com
>
> > Hi Bob,
> >

> > One more clue for my longitude offset problem, my office building's
> > longitude is -122.01. Do you think selective availability right at an
> > integer longitude could cause this problem?   Do you know of someone
with
> a
> > D7 who lives near an "interger" longitude that can help? It's a bit of
a
> > drive for me to test this at -121.00 and I need a boat to get to -123.00
> > which I am not about to do.
> >
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] Re: Longitude Offset problem

From: "Don Boekenkruger" <donb@direct.ca>
Date: Thu, 6 May 1999 11:17:01 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19458-1999.05.06-13.18.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Don Boekenkruger <donb@direct.ca>
To: Andy Fu <andyfu@espmail.com>
Sent: Thursday, May 06, 1999 11:14 AM
Subject: Re: [htaprs] Longitude Offset problem

> How about an APRS Bulletin?
>
> Don Boekenkruger, VE7CBT
> sales@burnabyradio.com
>
> ----- Original Message -----
> From: Andy Fu <andyfu@espmail.com>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Sent: Thursday, May 06, 1999 10:48 AM
> Subject: [htaprs] Longitude Offset problem
>
>
> > Hi Bob,
> >
> > Thanks. I am glad to hear the longitude problem is not with the D7.
Now
> I
> > will just have to find a way to inform all the relay and wide station
> owners
> > around me to download the latest patch for APRS+SA.
> >
> > -Andy-
> > AC6GN
> >
> >
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: DONB@DIRECT.CA
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] Re: TH-D7 puts me in the Pacific Ocean

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 6 May 1999 12:54:56 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19461-1999.05.06-14.00.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> From: "Andy Fu" <andyfu@aptl.com>

> Problem: When I am in certain area (near my office for example), my
> longitude RELAYed by other stations suddenly has an -1 degree offset. This
> moves my car from the parking lot right into the Pacific Ocean (this could
> explain why my car started to rust recently).

> Here is the tough one, if I start driving away from my office (may be a
> mile), everything works fine, the same stations now report my longitude
> correctly.

> Conjecture:
> a) This is caused by a worm-hole or some sort of space-time distortion near
my office
> b) APRS jamming by my jealeous non-ham neighbors
> c) Kenwood D7a firmware problem
> d) APRS+SA bug
> e) I don't know

> My current guess is (e), may be you can help.

> Thanks,

> -Andy-
> AC6GN
> The "Pacific Ocean APRS station"

Andy,

I'm guessing that it's 5% "A" and 95% "D". I'm a bit fuzzy on recalling the exact location of your office, having been there only once, a year ago. But isn't it a couple of blocks west of Lawrence Expressway? If so, it might be very, very close to 122.00000... degrees west longitude; the significance being the whole integer value. I seem to recall an APRS SW bug (don't recall which version) dealing with locations very close to integer values of degrees in longitude. Math algorithms can have extremely subtle errors. Maybe this is what Bob was referring to as the recent SW fix.

Here's a test: drive around my old neighborhood on Lyle Drive and see if you can get the problem to reproduce, at a different latitude than your office. 122.00000 goes *right* through the garage of my old QTH, as determined by over 2 weeks of position averaging off the GPS w/amplified antenna.

By the way, how's the water? :-)

73,
de Tony KD7CEJ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] Re: Longitude Offset problem

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 6 May 1999 15:29:07 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-19463-1999.05.06-14.33.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 6 May 1999, Andy Fu wrote:

> Thanks. I am glad to hear the longitude problem is not with the D7. Now I
> will just have to find a way to inform all the relay and wide station owners
> around me to download the latest patch for APRS+SA.

No one needs to upgrade APRS+SA except those that are running old
versions. It is a local display problem only and only affects the users
of APRS+SA's displays only.

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

38. [htaprs] TH-D7 and WinAPRS/DosAPRS

From: Steve Jones <sdjones@sympatico.ca>
Date: Thu, 06 May 1999 15:16:19 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19464-1999.05.06-14.41.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've just picked up a TH-D7 and was wondering about using it with both
these programs.

I understand that I have to use packet mode with the laptop doing the aprs'ing.

What I'm not sure about is the GPS hookup. Would I hook the GPS up to the
laptop using an hsp cable (one serial port laptop) or can I hook the GPS up
to the TH-D7 with Win/Dos APRS picking the position up from the TH-D7?

Steve Jones <sdjones@sympatico.ca>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

39. [htaprs] Re: Longitude Offset problem

From: "Andy Fu" <andyfu@espmail.com>
Date: Thu, 6 May 1999 12:39:56 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19465-1999.05.06-14.45.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If it is a display only problem, why is my position reported by APRSserve on
the Internet also has an offset?

-Andy-
AC6GN

>No one needs to upgrade APRS+SA except those that are running old
>versions. It is a local display problem only and only affects the users
>of APRS+SA's displays only.
>
>bob
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

40. [htaprs] Fw: Re: TH-D7 puts me in the Pacific Ocean

From: "Andy Fu" <andyfu@espmail.com>
Date: Thu, 6 May 1999 12:43:47 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19466-1999.05.06-14.49.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Tony,

Yes, I remember going in your garage and you telling me I was at 122.00000,
pretty impressive.   Well, I don't think the current owner will let me take
my D7 into his garage for a test but near your driveway would be fine.
Anyway, according to Bob, may be this is only a display problem for APRS+SA.

73

-Andy-
AC6GN

-
>>Here's a test: drive around my old neighborhood on Lyle Drive and see if
you can
>get the problem to reproduce, at a different latitude than your office.
>122.00000 goes *right* through the garage of my old QTH, as determined by
over 2
>weeks of position averaging off the GPS w/amplified antenna.
>
>By the way, how's the water?   :-)
>

>73,
>de Tony KD7CEJ
>
>
>
>
>---
>You are currently subscribed to htaprs as: andyfu@espmail.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] Re: Longitude Offset problem

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 6 May 1999 16:47:24 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-19474-1999.05.06-15.52.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 6 May 1999, Andy Fu wrote:

> If it is a display only problem, why is my position reported by APRSserve on
> the Internet also has an offset?

Good point. Because your local Igate may be APRS+SA also. It must
upgrade too.

Your earlier message had indicated you thought all RELAY and WIDE's
around you had to be upgraded also. But this is not the case.
Digipeaters only digi what they hear, with no conversions. The longitude
bug is only in earlier versions of APRS+SA software. So only APRS+SA
users need to get the fix. This includes anyone running APRS+SA as an
Igate.

Hope that helps...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Fw: Re: Longitude Offset problem

From: "Andy Fu" <andyfu@espmail.com>
Date: Thu, 6 May 1999 15:20:04 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19484-1999.05.06-17.25.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok Bob,

May be you can decode all this for me. I copy (and truncated) this from my
newly updated APRS+SA+TCP/IP history screen here in the office. Notice one
station reported the corrrect longitude (-122) but somehow a different ICON?

AC6GN 37.39 -123.0136 >/`TH-D7:IN SERV... 21:33 I:S7RSWY,WR6ABD*,WIDE
AC6GN 37.39 -122.0135 >/@062133z SPD=0... 21:33 I:APRS,TCPIP,KF6QNC*
AC6GN 37.39 -123.0146 >/`TH-D7:IN SERV... 21:23 I:S7RSXR,WR6ABD,WA6AFT-3*
AC6GN 37.39 -122.0143 >/@062123z SPD=3... 21:23 I:APRS,TCPIP,KF6QNC*
AC6GN 37.39 -123.0145 >/`TH-D7:IN SERV... 21:23 I:S7RSXR,RELAY*,WIDE
AC6GN 37.39 -123.0136 >/`TH-D7:IN SERV... 19:13 I:S7RSXP,KE6CAZ-1,WR6ABD*

Thanks.

Andy
AC6GN

P.S. The station on the last line is Ray, KE6CAZ-1 and his car is in the
same parking lot as mine, a 100' away and he is running a stand alone Pico
TNC and not APRS+SA. Also, I put a "track" on him and his longitude never
has any offset it in. I am confused.

>On Thu, 6 May 1999, Andy Fu wrote:
>
>> If it is a display only problem, why is my position reported by APRSserve
on
>> the Internet also has an offset?
>
>Good point. Because your local Igate may be APRS+SA also. It must
>upgrade too.
>
>Your earlier message had indicated you thought all RELAY and WIDE's
>around you had to be upgraded also. But this is not the case.
>Digipeaters only digi what they hear, with no conversions. The longitude
>bug is only in earlier versions of APRS+SA software. So only APRS+SA
>users need to get the fix. This includes anyone running APRS+SA as an
>Igate.
>
>Hope that helps...
>
>de WB4APR, Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Fw: Re: Longitude Offset problem

From: "Andy Fu" <andyfu@espmail.com>
Date: Thu, 6 May 1999 15:51:24 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19492-1999.05.06-17.57.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Steve,

Thanks for "jumping in". I just uploaded the history screen from my APRS+SA.
For some reason your APRServe is reporting the correct longitude for me
today (could your software be listening in on us?)

-Andy-
AC6GN

-----Original Message-----
From: sdimse@netrox.net <sdimse@netrox.net>
To: andyfu@aptl.com <andyfu@aptl.com>
Date: Thursday, May 06, 1999 12:52 PM
Subject: Re: [htaprs] Re: Longitude Offset problem

>On 5/6/99 3:39 PM Andy Fu (andyfu@espmail.com) wrote:
>
>>If it is a display only problem, why is my position reported by APRSserve
on
>>the Internet also has an offset?
>>
>I've been hoping to stay out of this, but guess I have no choice. What is
>the exact lat/lon that causes the problem?
>
>Steve K4HG

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] Sending EMAIL from D7

From: "Paul Lantz" <plantz@onlink.net>
Date: Thu, 6 May 1999 18:29:20
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19495-1999.05.06-18.34.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would like to send email from my D7.
I set up WinAPRS but was not able to receive the email.
I used the format of sending mail to EMAIL putting email address at start
of message, put my SMTP server in TCP settings, etc.
Question: If I send from D7 EMAIL to radio/tnc/computer running winAPRs

can I sent email or is there something missing.
How does mail get sent? How does Winaprs sign on to my email server which
requires a password for login?
BTW, I am quite distant from anybody else running APRS/any kind of
repeaters so basically just playing with a couple of radios myself.
73
Paul
VE3KBL

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] Can I....?

From: <j.martinez@denso.es>
Date: Fri, 7 May 1999 07:25:15 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19556-1999.05.07-00.26.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi!

Can I subscribe this list by Packet radio? Someone knows?
Can I setup MYCALL on TH-D7 for ever? Each time I turn on the TNC in my
handheld the first command generated is RESET and MYCALL is erased.

Many thanks!

EB3EWQ@ED3ZAA.EAB.ESP.EU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] Re: Longitude Offset problem

From: Ernst Niggli <niggli@pyl.unibe.ch>
Date: Fri, 07 May 1999 08:35:04 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-19565-1999.05.07-01.39.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,

I own a TH-D7E and if I look at my tracks at home (running MacAPRS
3.2.7.) the tracks look OK.

But when I check this via HB9EH.aprs.net (which is running Dale
Heatherington's
software aprsd 2.0.7.a) I am sometimes misplaced by a large distance.
And sometimes my icon is incorrect.

This would suggest that the problem is not within the TH-D7E (since all
position reports are correctly receivedwith MacAPRS).

any ideas???

73 Ernst HB9PVI

http://beam.to/hb9pvi

Below is an example (the second line) of an erroneous position report as
received from hb9eh.aprs.net via telnet

HB9PVI-9>APRS,WIDE*:@062159z4703.79N/00730.61E>006/043/T>dsy/M1/Enroute...
TH-D7E
HB9PVI-9>APRS,WIDE:@062159z4704.16N713419.34ED017/564/E>dsy/M1/Enroute...
E
HB9PVI-9>APRS,HB9EH-1*:@062159z4704.16N/00730.71E>019/043/E>dsy/M1/Enroute...
H-D7E
HB9PVI-9>APRS,HB9EH-1*:@062200z4704.49N/00730.73E>349/037/T>dsy/M1/Enroute...
TH-D7E
HB9PVI-9>APRS,HB9EH-1*:@062200z4704.68N/00730.68E>315/016/T>dsy/M1/Enroute...

TH-D7E
HB9PVI-9>APRS,WIDE:@062201z4704.73N/00730.49E>293/017/T>dsy/M1/Enroute...
TH-D7E
[Attachment: niggli.vcf; text/x-vcard; 286 bytes]

47. [htaprs] RE: Can I....?

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Fri, 07 May 1999 11:59:51 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19577-1999.05.07-05.05.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op vrijdag 7 mei 1999 7:25, heeft j.martinez@denso.es
[SMTP:j.martinez@denso.es] geschreven:
> Hi!
>
> Can I setup MYCALL on TH-D7 for ever? Each time I turn on the TNC in my
> handheld the first command generated is RESET and MYCALL is erased.
>
> Many thanks!
>
> EB3EWQ@ED3ZAA.EAB.ESP.EU
>
It can be done, just set your mycall in the aprs menu that way the mycall
paramater of the tnc gets set from the aprs mycall.

73 de Andre PE1RDW
http://www.pe1rdw.demon.nl/aprs.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] D7 APRS & GPS <"LYR3648-19545-1999.05.07-00.01.27--JOE.LAGREEK(035)EDWARDJONES.C*"@MHS>

From: joe.lagreek@edwardjones.com
Date: Fri, 07 May 1999 18:40:17 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19676-1999.05.07-18.45.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Steve,

You hook up the GPS to the D7. All the current flavors of APRS support the D7. So to run full APRS, place the D7 in packet mode by pressing the TNC button twice, the D7 should display PACKET. Plug your GPS in to the port marked GPS, your PC, or Palm into the PC port and your ready.

To run your D7 in "APRS" mode, plug your GPS into the GPS port. Press the TNC button once. You will have to set your call, beacon rate and symbol using the APRS menu #2 and the sub menus below that. Or download the sotfware from Kenwood to do all the programming from www.kenwood.net go to downloads.

Joe LaGreek
IS Mainframe
Bldg 201 2nd floor
Phone: (314) 515-2721
Pager: (314) 491-8920
Fax: (314) 515-4659
E-mail: joe.lagreek@edwardjones.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Wrong postion reports <"LYR3648-19545-1999.05.07-00.01.27--JOE.LAGREEK(035)EDWARDJONES.C*"@MHS>

From: joe.lagreek@edwardjones.com
Date: Fri, 07 May 1999 18:48:10 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19677-1999.05.07-18.53.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I did a walk-athon the other day. Used my D7 and GPS II+ as a tracker. Keep getting a call from net control asking me how was the water? My position on APRSdos was showing me in the lake. I looked at my estimated error (EPE) on the GPS and it was showing 400 ft. So of course I was In the lake, the road at that point was less that 20 ft. from the lake. So, if you have a display on your GPS check your EPE to

make sure you didn't lose a bird or have poor coverage. Thank you SA.

73 de N0OTM

Joe LaGreek
Information Systems
Edward Jones
201 Progress Parkway
Maryland Heights, MO 63043
Phone: (314) 515-2721
Fax: (314) 515-4659
E-mail: joe.lagreek@edwardjones.com

****
Note: Any opinions or comments stated here
are those of my own, and do not represent my
employer.
****

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Re: D7 APRS & GPS

From: "Steve & Kelley Jones" <sdjones@sympatico.ca>
Date: Fri, 07 May 1999 20:52:01 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19681-1999.05.07-20.39.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Steve,
>
> You hook up the GPS to the D7. All the current flavors of APRS support the
> D7. So to run full APRS, place the D7 in packet mode by pressing the TNC
> button twice, the D7 should display PACKET. Plug your GPS in to the port
> marked GPS, your PC, or Palm into the PC port and your ready.

Thanks Joe, I cobbled together the necessary connectors today and gave
it a try. Works great. Was glad to see the D7 supported.

Next question is where do I find good maps (WinAPRS) for Michigan and
Ohio for the trip to the Hamvention next week?

--
Steve <sdjones@sympatico.ca>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] Re: D7 APRS & GPS

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Fri, 7 May 1999 21:48:47 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-19683-1999.05.07-20.55.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Next question is where do I find good maps (WinAPRS) for Michigan and
>Ohio for the trip to the Hamvention next week?
>

The county level maps for WinAPRS are up on our server..

ftp://aprs.rutgers.edu/pub/hamradio/APRS/maps/maps1/

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] Re: Sending EMAIL from D7

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Fri, 7 May 1999 22:28:03 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-19686-1999.05.07-21.35.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To make the SMTP server work on your end, you have to set up the SMTP
server as you did, you also have to have that computer ACTIVELY connected
to the internet..

The BETTER solution is to connecto the internet and select FEED DATA TO
TCP/IP. This will feed the local VHF data to the internet servers... THEN,
the SMTP email gateway at my house (WU2Z) will send the email...

As to the password.. SMTP itself does not require a password... This is
different than you sending email from your account.. It is possible that
your server might be set up to refuse email coming in this way... If this
is the case, then the method of feeding data to the internet and going thru
my system is better..

Also, it is best to have only ONE mail gateway active, otherwise, the
person to whom the email was addressed would get mutliple copies..

Another neat thing about this is that the entire process can happen in
litterally seconds...

If you are near a VFH to TCP/IP gateway, the message will be received by my
system within a few seconds, generaly less than 5 seconds.. Then, it gets
sent to the email server at Rutgers, which has HUGE connections to the
internet, then it gets forwarded to the end destination.. I have seen this
work, end-to-end in less than 30 seconds. And that was with me in
Califonia using the email server in New Jersey..

if you have other questions, please ask...

Keith

>I would like to send email from my D7.
>I set up WinAPRS but was not able to receive the email.
>I used the format of sending mail to EMAIL putting email address at start
>of message, put my SMTP server in TCP settings, etc.
>Question: If I send from D7 EMAIL to radio/tnc/computer running winAPRs
>can I sent email or is there something missing.
>How does mail get sent? How does Winaprs sign on to my email server which
>requires a password for login?
>BTW, I am quite distant from anybody else running APRS/any kind of
>repeaters so basically just playing with a couple of radios myself.
>73
>Paul
>VE3KBL

Keith Sproul 732 445-3695 Office
Student Housing Network Coordinator 732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu 732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/ WU2Z

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53. [htaprs] TH-D7A with Garim GPS III

From: "KEN STONECIPHER" <XMEN@FGI.NET>
Date: Sat, 8 May 1999 9:22:47
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19741-1999.05.08-09.27.30--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I am a new user of APRS and GPS. I have recently purchases a Kenwood
TH-D7A HT. I also own a Garmin GPSIII and would like to attach it to
my D7A. How do I connect them. Is there a connector I need to purchase
build before I can do this ?

Thank you in advance for any help you can provide.

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54. [htaprs] d7 packet mostly one way

From: "Paul Lantz" <plantz@onlink.net>
Date: Sat, 8 May 1999 18:42:18
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19815-1999.05.08-18.47.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Finally got my kenwood pg-4w cable and cd so decided to try out packet.
Set up d7 on a laptop with hyperterminal, no problems communicating with
radio.
Problem: d7/laptop did not see data transmitted by other station. There I
was running KaGold thru Kam+. It kept reporting other station busy, waiting
for acknowledgement.
I think squelch/dcd set properly on both radios.
I had used the d7 on its own for aprs without any significant problems.
I don't think there was a lot of noise from the laptop (at squelch setting
no signal unless tx. Both radios showed full scale rx.
Sometimes the d7 saw the first part of tx from the other station, e.g. just
the initial welcome message from kagold.
The kagold station saw everything transmitted by the d7.
I was running d7 in single band mode, dcd sense data band only, apo and
power saver turned off.
any other suggestions?
The cd is very attractive looking with drawing of d7 on it, cable nice and
substantial, all I need now is a female to female db9 so I can couple it to
serial cable from HP320lx to be really portable.

Thanks
73
Paul
VE3KBL

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55. [htaprs] aprs won't open th-d7

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 8 May 1999 20:01:04 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19829-1999.05.08-22.06.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

its really a problem now, i can not get it to open at all. even tried reset.

seems to happen when i want to play the most.

sits on   "opening TNC"   or it tries to open tnc and goes into xmit mode
aprs and sticks....

has anyone found what to do to clear it up?

73

hey i got e mail from some guy in germany that tracked me going to work on
the cat bus....

kd8s@skylink.net   WWW.LVRAC.ORG

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] Re: [aprssig] Re: Yaesu/Kenwood design flaw!

From: John Vause <jdv@iglou.com>
Date: Sun, 09 May 1999 20:25:27 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-20009-1999.05.09-19.28.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Or, you could buy the new Kenwood SC47B (black) or SC47OR (orange) case
which has the metal spring clip rivited to the nylon case through a
leather backing strip which is also sewn to the case.
You can even leave the original clip on the 9.6 volt battery and it
will still fit in the SC47 case although it's a tight fit.
I ordered the SC47B and am pleased with it (haven't seen the SC47OR,
heard it's bright orange though). I recommend the SC47 over trying to
use the TH-G71A's SC45 case even though the THD-7A fits (poorly but
better than nothing) the SC45 case. Been there, done that, didn't like
the result. :-)

73 to the SIG.

Arte Booten wrote:
>
> Hi all,
>
> Keith S. wrote:
>
> >There is a third party battery that has a MUCH better belt clip.. The
> >actual manufacturer is W&W manufacturing, but I forget who is distri-
> >buting it.
>
> Yes, I agree that the belt clip I bought for the batteries that go
> on my Yaesu FT-50 (the kind of battery that is the "back" half of the
> radio, like many of those on the market today) is far superior in design
> than the OEM clip ... as far as keeping the radio from slipping off of
> your belt. The ones that came from Yaesu were essentially smooth at the
> bottom end (the end that slips behind your belt and lies below it) while
> the one from W & W has a squared-out "J" at the end, which helps prevent
> the clip from slipping out from beneath the belt.
>
> Yet I still manage to have plenty of close calls (I haven't actual-
> ly bounced the radio off of the pavement ... yet) because the OTHER end
> of the replacement belt clip will not properly and securely snap into
> place on the battery's receptacle. I dunno ... maybe I simply got a bum
> one. But I've tried filing the little tooth that is supposed to catch
> on the receptacle to a "better" angle to no avail. I know Yaesu also
> makes such a spring clip, but it cost about $10, as opposed to the $6 I
> paid for the W & W. Maybe it's better. Maybe one of these days when I
> have a spare fin in my pocket at the next hamfest and happen to see one
> I'll remember to buy one and see.
>
> This is yet another reason I'm going back to my trusty '530, with
> it's spring-steel-clip-screwed-into-metal-body construction. Not as
> water-resistant as the '50, but a dandy little rig. And, of course, as
> it was my *first* radio, will always have a warm place in my heart. 73
> ____
> |Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
> |PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
> |Riverdale, New York [FN30bu] !4052.71N/07354.06WNPHG5370/A=00240|
> |Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
> |____|
> "The alien ship is moving toward the jumpgate." "How fast?"
> "Fast." "Be faster!" - Delenn and Lennnier, Babylon 5
>
> ---

--
* John Vause KF4ERV jdv@igloudot.com *
NOTE: email address altered for benefit of Spambots
"Necessity is the plea of every infringement of human freedom. It is the
argument of tyrants; it is the creed of slaves." -- William Pitt
--

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57. [htaprs] D7 & Laptops

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Sun, 9 May 1999 22:53:22 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20029-1999.05.09-22.03.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey There All..

This may be a silly question, but if I have a GPS plugged into
the D7, and the D7 plugged into a laptop, will the D7 plug the
position info from the GPS into WinAPRS? Having only one
serial port on my laptop sure presents some problems sometimes!

Thanks!!
Chris

_____

Chris Schwab - N4BSA   ICQ#605460
See Where I am! http://map.aprs.net/n4bsa-7
Home APRS Station - 27.53.01N - 82.47.50W
Assistant Scoutmaster, Troop 488 Largo FL
Trustee, N4BSA/R 147.315+ St. Pete Florida

_____

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58. [htaprs] Re: D7 & Laptops

From: "John Zaruba Jr" <jzaruba@snip.net>
Date: Sun, 09 May 1999 23:40:26 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-20037-1999.05.09-22.46.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm not familiar with WinAPRS, but in APRSdos you configure the program the
same way you would with an HSP (Hardware Serial Port) adapter. Apparently
the D7 has the HSP functionality in it's firmware. If you get the Kenwood
PG4W cable, they give you a CD with a very detailed manual. The manual
explains how to do exactly what you want to do.

73 de John AA2BN

Chris Schwab wrote:

> Hey There All..
>
> This may be a silly question, but if I have a GPS plugged into
> the D7, and the D7 plugged into a laptop, will the D7 plug the
> position info from the GPS into WinAPRS? Having only one
> serial port on my laptop sure presents some problems sometimes!
>
> Thanks!!
> Chris

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Re: [aprssig] Re: Yaesu/Kenwood design flaw!

From: John Vause <jdv@iglou.com>
Date: Sun, 09 May 1999 23:58:49 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20038-1999.05.09-23.01.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"And so it begins..." :-)

GPersons wrote:
>
> Here is one that only B5 fans can appreciate.
>

> "If you go to Z'ha'dum you will die" Ambassador Kosh
>
> 73
>
> Gary
>

--
* John Vause KF4ERV jdv@igloudot.com *
NOTE: email address altered for benefit of Spambots
"Necessity is the plea of every infringement of human freedom. It is the
argument of tyrants; it is the creed of slaves." -- William Pitt
--

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60. [htaprs] Re: htaprs digest: May 08, 1999 <"LYR3648-19849-1999.05.09-00.00.23--JOE.LAGREEK(035)EDWARDJONES.C*"@MHS>

From: joe.lagreek@edwardjones.com
Date: Mon, 10 May 1999 10:37:55 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20111-1999.05.10-10.43.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is a drawing of a Garmin to D7 cable on the pocketAPRS page under Palm to TNC wiring. Included are locations for buying the Garmin connector. www.anet-stl.com/~mcmusick Mouser is a good source of power and data cables. www.mouser.com See www.cedar.net/users/dvanhorm/cables.html for mouser part numbers.

73 de N0OTM

Joe

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61. [htaprs] still no luck D7 on packet

From: "Paul Lantz" <plantz@onlink.net>
Date: Mon, 10 May 1999 21:52:47
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20210-1999.05.10-21.57.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I came out for a business trip today and tried D7 with local packet nodes.
Able to connect but not much more. Generally got the welcome message and
sometimes the menu but nothing after that.
Turned bat saver off, set up d7 with init file paramaters, etc.
Lots of packets but d7 not recognizing them.
This is what happened when I tried at home with a second radio/tnc.
I know other people are using d7 for packet so what else should I try?
Paul VE3KBL

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62. [htaprs] RE: still no luck D7 on packet

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Tue, 11 May 1999 10:19:56 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20268-1999.05.11-03.26.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op maandag 10 mei 1999 23:53, heeft Paul Lantz [SMTP:plantz@onlink.net]
geschreven:
> I came out for a business trip today and tried D7 with local packet nodes.

> Able to connect but not much more. Generally got the welcome message and
> sometimes the menu but nothing after that.
> Turned bat saver off, set up d7 with init file paramaters, etc.
> Lots of packets but d7 not recognizing them.
> This is what happened when I tried at home with a second radio/tnc.
> I know other people are using d7 for packet so what else should I try?
> Paul VE3KBL

>
I've noticed that the d7 is more sensitive for s/n ratio than an other tnc
maby that is what is going on here.
I'm talking about 1k2 because i can't hear noise on 9k6 :)

anyone done some testing on this?

73 de Andre PE1RDW

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63. [htaprs] RE: still no luck D7 on packet

From: "Paul Lantz" <plantz@onlink.net>
Date: Tue, 11 May 1999 12:2:43
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20346-1999.05.11-12.07.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

tried packet with d7 using paket 6.1 and much better
must just be configuration
still not everything seems perfect but quite usable
thanks to the people who made suggestions
73
Paul VE3KBL

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64. [htaprs] Fw: $PNTS does not go away

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Tue, 11 May 1999 15:04:37 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20362-1999.05.11-16.09.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Thomas M. Schaefer <toms@inconnect.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: aprsplus <aprsplus@k8sn.org>
Sent: Tuesday, May 11, 1999 9:28 AM
Subject: $PNTS does not go away

> I was helping friend last night work on setting up his D7A with a GPS and
> also running APRS+. Whenever we issued the command GPSTEXT $GPGGA, the HT
> took the command, and would even show the command if he just typed
GPSTEXT,
> but the radio kept sending the $PNTS string over the air.
>
> APRS+ never got a position, I suspect because the radio kept sending the
> $PNTS string, not one of the 4 that APRS+ parses.
>
> We did not use the INITTH7.TNC file, but did set the GPS related commands
> directly. Whatever commands work, we will put in a file because they are
> lost on power-down. I did some searching and found some referneces to
this,
> but I never saw the answer posted.
>
> Any suggestions on how to make the HT really use the NMEA string specified
> in GPSTEXT?
>
> Thanks in advance,
>
> Tom NY4I
>

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65. [htaprs] RE: still no luck D7 on packet

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 11 May 1999 17:22:51 -0400

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20364-1999.05.11-16.28.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 5/11/99 4:19 AM, Schayk A.H. van (A.H.Schayk@arcadis.nl) passed this
wisdom:

>Op maandag 10 mei 1999 23:53, heeft Paul Lantz [SMTP:plantz@onlink.net]
>geschreven:
>> I came out for a business trip today and tried D7 with local packet nodes.
>
>> Able to connect but not much more. Generally got the welcome message and
>> sometimes the menu but nothing after that.
>> Turned bat saver off, set up d7 with init file paramaters, etc.
>> Lots of packets but d7 not recognizing them.
>> This is what happened when I tried at home with a second radio/tnc.
>> I know other people are using d7 for packet so what else should I try?
>> Paul VE3KBL
>>
>I've noticed that the d7 is more sensitive for s/n ratio than an other tnc
>maby that is what is going on here.
>I'm talking about 1k2 because i can't hear noise on 9k6 :)
>
>anyone done some testing on this?

I have run my D7 with MacAPRS on my PowerBook 180 and with my Palm3 with
Pocket APRS with absolutely no problem, no more nor less sensitivity, all
jus the same. Both of these applications require the D7 to be in TNC mode
not APRS mode. i don't know what yoiur problme is but its certainly not
a problem with mine. I have a s/n 11x series that came from teh factory
with the latest firmware ...

I haven'tused it on straight packet yet, but see no reason why it
shoiuldn't work.

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"May God stand between you and harm, in all the empty places where you
 must walk." - Susan Ivonava, Babylon 5

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66. [htaprs] Re: D7 & Laptops

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Tue, 11 May 1999 19:29:28 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-20382-1999.05.11-18.36.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Hey There All..
>
>This may be a silly question, but if I have a GPS plugged into
>the D7, and the D7 plugged into a laptop, will the D7 plug the
>position info from the GPS into WinAPRS? Having only one
>serial port on my laptop sure presents some problems sometimes!
>
>Thanks!!
>Chris

Yes, go to SERIAL port settings and click ALLOW GPS ON VHF

This will tell WinAPRS to accept the GPS strings coming in on the VHF port.

Keith

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

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67. [htaprs] Kenwood Cable

From: GPersons <railfan@centurion.flash.net>
Date: Tue, 11 May 1999 19:25:31 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20394-1999.05.11-19.30.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is the Kenwood PG4W cable available yet?

Gary

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Re: Kenwood Cable

From: "Mark Pedroia" <kf6tys@hotmail.com>
Date: Tue, 11 May 1999 18:48:47 PDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20407-1999.05.11-20.53.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>Is the Kenwood PG4W cable available yet?
>

Yes, mine arrive UPS about 10 days ago.

I found the price to be high for the one cable. About 55.00 for the cable
and a CD-Rom with the non-beta software program and the Th-D7 manual in
*.pdf format.

I understand others are manufacturing cables on their own. For 55.00, you
could probably make several for yourself and a few for your friends.

_____
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---
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69. [htaprs] Win APRS or APRS+?

From: "Mark Pedroia" <kf6tys@hotmail.com>
Date: Tue, 11 May 1999 18:51:41 PDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20408-1999.05.11-20.56.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks in advance to anyone who could offer their suggestions on the "best"
Win 95/98 APRS application that I could run on a notebook.

I've seen the APRS software that incorporates the DeLorme Street Atlas and I
like it. Anyone know if that was WinAPRS or APRS+?

I'm new to APRS so any advice from those of you who have figured it all out
is appreciated.

Mark Pedroia
KF6TYS
kf6tys@hotmail.com

_____
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---
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70. [htaprs] Re: Kenwood Cable

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Tue, 11 May 1999 22:15:58 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20415-1999.05.11-21.21.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm still waiting for mine from HRO which I ordered over a month ago.

I plan to make additional cables also.

$55.00 for a cable is high though!

73
Paul
KR4YL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] Cable Question

From: spoiler1 <spoiler1@earthlink.net>
Date: Tue, 11 May 1999 21:29:00 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20425-1999.05.11-21.34.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All
I am planning to purchase a TH-D7A this week and have been contemplating
whether
or not to spend the 56 bucks on the software and programing cable. So I
thought I would pose two questions to the group. I want the cable to
use to program the radio as
well as hook to my laptop for packet and aprs and I have found that the
same cable
will do all three. So the questions are.

1. Is the free downloadable software much different from the store
bought version?

2. I have a Yaesu ADMS programing cable for my FT50 which also works to

program my Alinco DJX10 communications receiver. Will this cable work
for
the TH-7DA?

Thanks in Advance for any answers anyone can provide.

73
Gary
KC5UWA
spoiler1@earthlink.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] Re: Win APRS or APRS+?

From: Jim Baremore <k5qq@juno.com>
Date: Tue, 11 May 1999 21:02:30 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-20430-1999.05.11-22.09.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 11 May 1999 18:51:41 PDT "Mark Pedroia" <kf6tys@hotmail.com>
writes:
>
>I've seen the APRS software that incorporates the DeLorme Street Atlas
>and I like it. Anyone know if that was WinAPRS or APRS+?

Hi Mark

That was APRS+.

I've been using it for several years and really like it as well as Brent
answering questions that are not able to be answered by the sig.

Good luck and welcome to APRS

Jim Baremore K5QQ

_____
Get secure free e-mail that you don't need Web access to use
from Juno, the world's second largest online service.
Download your free software at http://www.juno.com/getit.b.html.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

73. [htaprs] Re: Kenwood Cable

From: tgriff@ix.netcom.com (Tom Griffin)
Date: Wed, 12 May 1999 04:39:29 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20479-1999.05.12-03.44.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 11 May 1999 22:15:58 -0400, Paul KR4YL wrote about [htaprs]
Re: Kenwood Cable:

>I'm still waiting for mine from HRO which I ordered over a month ago.

I called HRO in Atlanta yesterday and was told that there is a total
currently of 97 PG-4W's on backorder from Kenwood. Mine was ordered
since 3/22-I wonder what the problem is.

>$55.00 for a cable is high though!

That also includes the CD-ROM and the manual which justifies the $55.
--
Tom K4IIJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

74. [htaprs] Re: Cable Question

From: Jim Baremore <k5qq@juno.com>
Date: Tue, 11 May 1999 21:11:38 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-20518-1999.05.12-09.11.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 11 May 1999 21:29:00 -0500 spoiler1 <spoiler1@earthlink.net>
writes:
>Hi All
>I am planning to purchase a TH-D7A this week and have been
>contemplating whether or not to spend the 56 bucks on the
>software and programing cable.
>
>1. Is the free downloadable software much different from the store
>bought version?

Gary
Don't know the answer to that one but the downloadable program works just

fine. The only problem is that you cannot edit (i.e., add a channel) to
an\
existing list you have created. There are some ways to do that using a
text editor but it's a workaround.

>2. I have a Yaesu ADMS programing cable for my FT50 which also works
>to program my Alinco DJX10 communications receiver. Will this cable
>work for the TH-7DA?

I doubt it. The connection to the computer is simply the wires from the
stereo plug to the DB9 and no circuitry is required. I believe the ADAMS
cable has an interface built into the DB9 shell. But since none is
required and the books shows the diagram, this is a pretty simple thing
to make.   Unfortunately, the wires need to be reversed if you go from a
female DB9 (to go to the computer) to a Male DB9 (to mate to the GPS DB9
which would otherwise go to the computer)
>

Good Luck

Jim Baremore K5QQ

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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75. [htaprs] las vegas cat bus kd8s-9

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 12 May 1999 08:59:09 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20525-1999.05.12-11.04.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i have received some fun e mail from aprs hams tracking me around the
country on my daily trip on the bicycle and city bus .

received one from a ham in germany.

if you track me let me know.

hed to work at 930am pacific, get there about 1030pm pacific time

head home at 7pm pacific and get home at 8pm.

useing thd-7 and magellan meridian xl gps

73

scope it out at

http://maps.aprs.net/kd8s-9

if you are bicycle , bus, or some other way on a regular schedule consider
posting it so we can track you

73
kd8s@skylink.net   WWW.LVRAC.ORG

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

76. [htaprs] WinAPRS - THD7 and GPS

From: "Young, Mark J" <Mark.Young@PSS.Boeing.com>
Date: Wed, 12 May 1999 11:13:03 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20542-1999.05.12-13.18.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I want to run my THD7 as a tracker and use my PC running Win APRs. The THD7A and the GPS (Garmin) work
great together, but not sure how to make it work with the PC? Does the GPS still connect to the TH7 or
do I need to have it connect to the laptop?? Hmmmm.

73 de Mark AA7FY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] Re: Kenwood Cable

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Wed, 12 May 1999 17:28:51 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20577-1999.05.12-16.34.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 5/11/99 10:15 PM, Paul Knupke, Jr. (pk@ij.net) passed this wisdom:

>I'm still waiting for mine from HRO which I ordered over a month ago.
>

>I plan to make additional cables also.
>
>$55.00 for a cable is high though!

 Hell, the guy at HRO whne I bought my D-7 told me 'you don't want to buy
this' - the price is osbcene for what you get, you could get the top of
the line cable from Mouser ($3.96 each) and primo DB-9/DB-25 and shielded
hoods (under $5 at Rat Shack) and be able to make up half dozen or more
cables for that price.

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "A man with a gun goes into an elevator. Inside, he meets Adolf
   Hitler, a shark, and a lawyer. However, the man has only two
   bullets, so he shoots the lawyer twice." -- Buddy Hackett

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] Re: WinAPRS - THD7 and GPS

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Wed, 12 May 1999 18:30:10 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-20585-1999.05.12-17.37.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You use the THD7 in PACKET mode, not stand-alone mode..

(Push the TNC button until you see the word PACKET at the top of the display)

You hook the GPS up to the THD7 just like normal, and you hook up the THd7
to the computer,

THen go to the SERIAL settings and check the box marked ALLOW GPS ON VHF..
This tells the software to look for GPS data coming in on the GPS port.

Then go to the TNC settings dialog box and push the KENWOOD DC button, it
will fill in TNC settings that work for the D7.. Change the path if you
need to, and you should be all set..

Keith

>I want to run my THD7 as a tracker and use my PC running Win APRs. The
>THD7A and the GPS (Garmin) work great together, but not sure how to make
>it work with the PC? Does the GPS still connect to the TH7 or do I need
>to have it connect to the laptop?? Hmmmm.
>
>73 de Mark AA7FY
>
>---
>You are currently subscribed to htaprs as: ksproul@vger.rutgers.edu
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] Re: Kenwood Cable

From: "Bob Oesterlin" <oester@millcomm.com>
Date: Wed, 12 May 1999 21:25:50 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-20606-1999.05.12-21.31.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> Hell, the guy at HRO whne I bought my D-7 told me 'you don't want to buy
> this' - the price is osbcene for what you get, you could get the top of
> the line cable from Mouser ($3.96 each) and primo DB-9/DB-25 and shielded
> hoods (under $5 at Rat Shack) and be able to make up half dozen or more
> cables for that price.

Yep - this is what I did. It works just great.

Bob N0EST

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

80. [htaprs] Need TH-D7 Info

From: "Ernest A. Baldini" <ebaldini@earthlink.net>
Date: Thu, 13 May 1999 14:21:54
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20707-1999.05.13-14.26.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does the TH-D7 work with DeLorme TripMate? Does the TH-D7 work with a
Magellan Meridian XL? Does anyone know the wiring hookup for PocketAPRS
(Palm III) to the TH-D7. The pin 2/pin 3/null modem, etc, etc. thing is
driving me bananas. The TripMate works fine with my laptop and with the
GPSAtlas program on the Palm III.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

81. [htaprs] Re: Need TH-D7 Info

From: "Mark Pedroia" <kf6tys@hotmail.com>
Date: Thu, 13 May 1999 12:46:16 PDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20710-1999.05.13-14.51.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>
>Does the TH-D7 work with DeLorme TripMate? Does the TH-D7 work with a
>Magellan Meridian XL? Does anyone know the wiring hookup for PocketAPRS
>(Palm III) to the TH-D7. The pin 2/pin 3/null modem, etc, etc. thing is
>driving me bananas. The TripMate works fine with my laptop and with the
>GPSAtlas program on the Palm III.

I would try this page http://www.best.com/~wdunckel/thd7.html or
http://www.cedar.net/users/dvanhorn/kenwood.html

Mark Pedroia
KF6TYS
kf6tys@hotmail.com

_____
Get Free Email and Do More On The Web. Visit http://www.msn.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] GPS Question

From: spoiler1 <spoiler1@earthlink.net>
Date: Thu, 13 May 1999 22:30:05 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20751-1999.05.13-22.35.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,
I have been reading and reading and doing more reading in anticipation
of receiving my
THD7A next week. My question to the group now is. The original
firmware versions
had a few problems and would only work with a select few GPS units.

Sooooo if a radio has been updated at kenwood or comes with the newer
firmware does this mean
it will work with nearly any GPS including the deloame (sp) tripmate?

Thanks in advance for any help

73
Gary
KC5UWA
spoiler1@earthlink.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] magellan gps

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Thu, 13 May 1999 21:01:23 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20755-1999.05.13-23.06.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

saw a few posts....the magellan meridian xl works with my kenwood thd-7 now
that the firmware was fixed

my gps is gray unit, with a outboard power data box, 6 pin connector...

a real battery eater...get that double a battery charger !

73

kd8s@skylink.net   WWW.LVRAC.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Re: GPS Question

From: tgriff@ix.netcom.com (Tom Griffin)
Date: Fri, 14 May 1999 08:17:49 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20782-1999.05.14-07.23.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 13 May 1999 22:30:05 -0500, Gary KC5UWA
spoiler1@earthlink.net wrote about [htaprs] GPS Question:
[edited]
>Hi all,
>I have been reading and reading and doing more reading in anticipation
>of receiving my
>THD7A next week.

Get ready to read some more! Seems like there is always more
information than I can digest.

>Sooooo if a radio has been updated at kenwood or comes with the newer
>firmware does this mean
>it will work with nearly any GPS including the deloame (sp) tripmate?

Here's a couple more pages to r-e-a-d:

http://www.cedar.net/users/dvanhorn/GPS.html
http://www.qsl.net/kd4rdb/tripmate.htm
--
73
Tom K4IIJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Ordered TH-D7A

From: spoiler1 <spoiler1@earthlink.net>
Date: Fri, 14 May 1999 20:44:39 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20833-1999.05.14-20.49.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all I finally ordered my new TH-7DA today. I wanted to pass on the
good deal I got
in case anyone else was contemplating ordering one this weekend as
well. Because this
was the Daton Hamvention weekend they were offering special hamventions
prices at
the Ohio AES. I got my radio for $429, this is $20 less than the
regular price, I also got free shipping and a hamvention coupon from
kenwood for a free speaker mike.
Any way I am really looking forward to its arrival. By the way has
anyone had any experience using this radio with the Garmin GP-12 GPS
unit?

73
Gary
spoiler1@earthlink.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] Re: Ordered TH-D7A

From: tgriff@ix.netcom.com (Tom Griffin)
Date: Sat, 15 May 1999 08:22:07 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20861-1999.05.15-07.27.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 14 May 1999 20:44:39 -0500, Gary
spoiler1@earthlink.net wrote about [htaprs] Ordered TH-D7A:

>I got my radio for $429, this is $20 less than the
>regular price, I also got free shipping and a hamvention coupon from
>kenwood for a free speaker mike.

You done good, Gary.
--
Tom K4IIJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

87. [htaprs] Yaesu FT-530

From: "Ted" <tmac4@uswest.net>
Date: Sat, 15 May 1999 10:16:13 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20896-1999.05.15-11.19.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been trying to get my Yaesu to work with my kpc3+ I have wired it
both the way kantronics says and the way Yaesu does neither way will key the
PTT I can Receive but won't talk. I have right now from the center pin of
the mic jack a 1.68 k ohm res. to pin 3 and a 10 mfd electrolytic to pin 1
neg. side to 9 pin connector. I also tried a .1mfd ceramic cap to pin 1 and
a 2.2 k to pin 3. This was like it shows in kantronics book. The Yaesu book
says to use a 2.0 K ohm res. but I tried a little smaller one trying to get
it a little closer to ground. If any one can point me in the right direction
I would appreciate it very much. By the way I have tried this kpc 3 on
mobile radio that was already setup and it worked fine there so I know that
the tnc is OK.

Ted McArthur
Home - tmac4@uswest.net
Work - tmcarthu@oeainc.com
Network Administrator/Facilities Manager
Chief of Paradise Fire Department
Call Sign - KB7PAB
73's

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

88. [htaprs] Re: Yaesu FT-530

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Sat, 15 May 1999 22:36:20 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20920-1999.05.15-21.41.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

the cap is not needed.... there is a jumper inside the KPC that you can
set... then just short pins 1 and 3 together in the 9pin plug. for a quick
test, pull the MIC audio pin of your ft530 to ground thru a 2k resistor... I
used to use a FT 530, and it worked fine.

Wes - kd4rdb@qsl.net
  http://www.qsl.net/kd4rdb

Where am I?
   http://map.aprs.net/kd4rdb-9
   http://map.aprs.net/kd4rdb-10

Hookt on fonix werkt fer me!
-----Original Message-----
From: Ted <tmac4@uswest.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Saturday, May 15, 1999 12:14 PM
Subject: [htaprs] Yaesu FT-530

>I have been trying to get my Yaesu to work with my kpc3+ I have wired it
>both the way kantronics says and the way Yaesu does neither way will key
the
>PTT I can Receive but won't talk. I have right now from the center pin of
>the mic jack a 1.68 k ohm res. to pin 3 and a 10 mfd electrolytic to pin 1
>neg. side to 9 pin connector. I also tried a .1mfd ceramic cap to pin 1 and
>a 2.2 k to pin 3. This was like it shows in kantronics book. The Yaesu book
>says to use a 2.0 K ohm res. but I tried a little smaller one trying to get
>it a little closer to ground. If any one can point me in the right
direction
>I would appreciate it very much. By the way I have tried this kpc 3 on
>mobile radio that was already setup and it worked fine there so I know that
>the tnc is OK.
>
>Ted McArthur
>Home - tmac4@uswest.net
>Work - tmcarthu@oeainc.com
>Network Administrator/Facilities Manager
>Chief of Paradise Fire Department
>Call Sign - KB7PAB
>73's
>
>
>---
>You are currently subscribed to htaprs as: KD4RDB@BELLSOUTH.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

89. [htaprs] D7 questions

From: jlagreek <jlagreek@inlink.com>
Date: Mon, 17 May 1999 09:47:09 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21122-1999.05.17-09.53.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does the Tripmate work with the D7?

Yes, if the D7 has the new firmware. Check Kenwood's service bulletin for
serial numbers vs. levels. You will need to make a self start mod and pull
DTR high. This can all be done without making any mods to the inside of the
GPS.

How do I wire it to PocketAPRS?

www.anet-stl.com/~mcmusick pocketAPRS web page. See section on TNC wiring.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

90. [htaprs] canceling a bad message

From: "Morris Hays" <mhays@snet.net>
Date: Mon, 17 May 1999 18:2:54
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21185-1999.05.17-18.08.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

While entering text to be sent I occasionaly make a mistake and off goes the message to be transmitted five times with maybe only three characters. How do I cancel or get rid of the message? There appears to be no way to delete it and it will patiently wait for me to turn the TNC back on the so it can efficiently resume announcing to the recipient my proficiency at screwing up. It would also be nice not to have all those old messages hanging around taking up memory.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

91. [htaprs] Station ICON

From: "michael morgan" <michael.morgan@nashville.com>
Date: Mon, 17 May 1999 17:57:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21190-1999.05.17-18.25.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Picked up a new TH-D7A while in Dayton, as I am sure many others did. I am having a problem with the station icon, it doesn't matter what the radio is set on, it only shows up as a red dot at the receiving stations. Anybody got any ideas?
73's
Michael Morgan, KA4MDD, La Vergne, Tn

92. [htaprs] Re: WinAPRS - THD7 and GPS

From: "Morris Hays" <mhays@snet.net>
Date: Mon, 17 May 1999 18:33:39
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21192-1999.05.17-18.38.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

:
       I want to run my THD7 as a tracker and use my PC running Win APRs. The THD7A and the GPS (Garmin) work great
       together, but not sure how to make it work with the PC? Does the GPS still connect to the TH7 or do I need to have it
       connect to the laptop?? Hmmmm.

 I'm not sure exactly what you mean by tracking. I am going to assume you mean follow the Garmin and TH-D7a combo realtime from a remote location. In that case you will connect the Garmine to the TH-D7a which will send out a Beacon, either manualy or timed, your position and other assigned info that can be received by another APRS ready receiver (another TH-D7a or whatever). You hook another Garmin or a computer with an APRS application to that receive unit. With each transmission from the field unit the course will be recorded and updated on the computer or within the second Garmin. I am presently working out the details myself for use "tracking" hang gliders that are flying cross country and need retrieval. There is a lot of support on the net for PC's (I have a Mac). You will need the APRS app and a cable to connect to your laptop or desktop as well as the cable that connects the field units together. Have fun.

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93. [htaprs] Re: canceling a bad message

From: Walter Dunckel <wdunckel@best.com>
Date: Wed, 12 Feb 1997 18:39:33 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-21210-1999.05.17-21.33.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Accidentaly pressing the shift arrow instead of the space button
(Dual or 0) will cause your messages to be prematurely transmitted. The
way to stop a message from being sent 5 times is to press MSG then
scroll
to the List selection on the display. On the message you just sent,
there
should be a + sign which signifies that there are more message retries
left. Press the A/B button (usually has function of delete). This will
cause the + sign to change to a ".", and no more message retries will
occur. Don't worry, after about 20 or 30 more anoying times, you will
learn to use space instead of scroll. Kenwood, are you listening? It
would have been nice to make a seperate button be the "send" button!

As for erasing the messages, short of doing a hard reset of the radio
you will not be able to erase old messages.

Walter

http://www.radiohound.com

Morris Hays wrote:
>
> While entering text to be sent I occasionaly make a mistake and off goes
> the message to be transmitted five times with maybe only three characters.
> How do I cancel or get rid of the message? There appears to be no way to
> delete it and it will patiently wait for me to turn the TNC back on the so
> it can efficiently resume announcing to the recipient my proficiency at
> screwing up. It would also be nice not to have all those old messages
> hanging around taking up memory.
>
> ---
> You are currently subscribed to htaprs as: wdunckel@best.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

94. [htaprs] Re: Station ICON

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Mon, 17 May 1999 22:28:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21215-1999.05.17-22.35.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Michael,

I noticed that my callsign N8DEU-12 was appearing as a dot at Dayton on
the WinAPRS s/w at their booth. I had programmed my D7A as a runner,
but the dot was still appearing. I looked at this with one of the Sproul brothers
but things were busy in the booth so we did not spend much time on why
my symbol was a dot versus a runner. Although, they programmed their D7A
to another symbol and found the symbol did not change when a new posit
was transmitted. It was a little strange, but the proper characters were being
decoded in the packet for the symbol that was being sent. I cannot remember
if it was Mark or Keith sitting at the IServe station in the booth when we tried
this...

Then, I walked over to Bob's booth (WB4APR) and seen a circle appear for
my symbol on the APRSdos s/w. Bob was selling those Mic-Lite's (portable
Mic-E) left and right so I had to be a little patient. After looking into the
situation, Bob explained that APRSdos has a position ambiguity function that
has a trip point at the 4 or 8 mile display as I recall (not sure). If you go under
the 4 mile display, the runner symbol turns into a circle, but above 4 miles you
can see the runner. This would occur if both your LAT/LON coordinates ended
in say a 0 (zero) as it may indicate you are guessing at a rough LAT/LON
coordinate. Since it may be a rough estimate, then there would be no reason
to place a symbol precisely on the map except that you are in some approximate
location.

I guess the same would be true if you were using a grid square in this
position ambiguity scenario. Since the POSIT would not be precisely accurate,
then the s/w would not know where to exactly put the symbol for the location

and therefore confine it to an area only viewable at some higher viewpoint
farther out from a few miles.

Since you did not mention what software you were using, it is hard to say.

Bob, Mark, Keith: Help me out here, as I may be flapping in the wind on this
topic, but it sounded reasonable.

Tim - N8DEU
Huntsville, AL

    -----Original Message-----
    From: michael morgan <michael.morgan@nashville.com>
    To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
    Date: Monday, May 17, 1999 6:21 PM
    Subject: [htaprs] Station ICON

    Picked up a new TH-D7A while in Dayton, as I am sure many others did. I am having a problem with
the station icon, it doesn't matter what the radio is set on, it only shows up as a red dot at the
receiving stations. Anybody got any ideas?
    73's
    Michael Morgan, KA4MDD, La Vergne, Tn

95. [htaprs] Re: canceling a bad message

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 17 May 1999 23:32:08 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21216-1999.05.17-22.37.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 2/12/97 10:39 PM, Walter Dunckel (wdunckel@best.com) passed this
wisdom:

>As for erasing the messages, short of doing a hard reset of the radio
>you will not be able to erase old messages.

 I did a reset from the menu system and the messages were still there.

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

   "I will have the most ethical administration in history."
       -- Bill Clinton, Nov. 1992

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

96. [htaprs] Re: canceling a bad message

From: Walter Dunckel <wdunckel@best.com>
Date: Wed, 12 Feb 1997 20:07:28 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-21220-1999.05.17-23.01.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I tried a FULL RESET and all my messages dissapeared, allong with
everything else. Kind of a hard way to clear messages, but with Kenwoods
program you should be able to reload all your setting if you have saved
them.

"Brian B. Riley" wrote:
> I did a reset from the menu system and the messages were still there.

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97. [htaprs] RE: Station ICON

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Tue, 18 May 1999 09:53:37 +0200

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21249-1999.05.18-03.00.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op dinsdag 18 mei 1999 0:57, heeft michael morgan
[SMTP:michael.morgan@nashville.com] geschreven:
> Picked up a new TH-D7A while in Dayton, as I am sure many others did.
I am having a problem with the station icon, it doesn't matter what the
radio is set on, it only shows up as a red dot at the receiving stations.
Anybody got any ideas?
> 73's
> Michael Morgan, KA4MDD, La Vergne, Tn

Are you using it in stand alone mode or is it hooked up to a computer.
The icon setting of the radio doesn't effect the computer only the
standalone mode.

gluck
73 de Andre PE1RDW
NCI member
http://www.pe1rdw.demon.nl

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98. [htaprs] how to unsubscribe?

From: "Rodrigues, Sr. Alex Pinheiro Machado" <alex@bra.ops-oms.org>
Date: Tue, 18 May 1999 09:46:16 -0300
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21261-1999.05.18-07.52.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

[Empty message body]
[Attachment: OPAS.jpg; image/jpeg; 22,248 bytes]

99. [htaprs] icon display on other software

From: "carl szentes" <n9ibd.szentes@worldnet.att.net>
Date: Tue, 18 May 1999 08:39:25 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Pat and Carl worldnet" <pat_carl@worldnet.att.net>
Message-ID: <LYR845-21268-1999.05.18-08.45.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi to all

My th d7 Kenwood hand held unit was setup with the "W" icon. When I have
transmitted my beacon, it is received as a "sailing boat " icon when viewed
by the software that I use on another rig. The software is the APRS-SA by
Hildebrand. Can anyone explain the wrong decoding?

other than this ? it is an excellent ht.

73 Carl

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100. [htaprs] Re: WinAPRS - THD7 and GPS

From: Steve Jones <sdjones@sympatico.ca>
Date: Tue, 18 May 1999 09:53:50 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21270-1999.05.18-09.00.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:13 AM 5/12/99 -0700, Young, Mark J wrote:
>I want to run my THD7 as a tracker and use my PC running Win APRs. The
>THD7A and the GPS (Garmin) work great together, but not sure how to make it
>work with the PC? Does the GPS still connect to the TH7 or do I need to
>have it connect to the laptop?? Hmmmm.

I asked a similar question a couple of weeks back. The answer was pretty
simple. Plug the Garmin into your D7, plug your computer into the D7 and
put the D7 into packet mode (2 presses of the tnc button). I used the
Kenwood option under the tnc settings of WinAPRS.

Steve Jones <sdjones@sympatico.ca>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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101. [htaprs] Re: Station ICON

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 18 May 1999 11:54:10 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-21292-1999.05.18-11.00.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 17 May 1999, michael morgan wrote:

> Picked up a new TH-D7A while in Dayton, as I am sure many others did.
> I am having a problem with the station icon, it doesn't matter what the
> radio is set on, it only shows up as a red dot at the receiving
> stations. Anybody got any ideas?

You did not mention what software is showing the red dot, but here is what
APRSdos does with your THD7 position:

If you manually enter a position into the THD7, and leave the hundredths
of the LAT/LONG as .00 and .00, then APRSdos assumes (with 99.99%
confidence) that you do not know your position precisely better than the
nearest mile. Therefore, as the viewer zooms in on your location, once he
zooms below the 8 mile scale, your ICON turns into a 1 mile circle instead
of an ICON. This is to convey to the viewer that the owner of that THD7
does not know exactly where he is and so APRSdos will not put the THD7 on
the map incorrectly. It draws a circle the size of the ambiguity, and
puts your call randomly within it.

Normally this works very well. It shows the ICON as usual when you are
looking at a city or town, but only shows the circle at very high zoom
factors when you zoom in. Unfortunately, at Dayton, where you
had almost 200 Icons within a mile of each other, and maybe a few dozen
of them were THD7's, these mile circles were off the screen and you were
seeing the callsigns only.

The alternative would have been to put all two dozen ICONS all on top of
each other at 3949.00 and 08415.00. Problem would then be that they would
all have apeared about 1/2 mile from the arena in someone's swimming pool
and only the last one heard would show his callsign on top of the pile.

This is why for stations only needing to report their presence in the
vicinity of a location for messaging purposes, their ICON should not be
plotted precisely when the precision is not known. This is why the
calls are randomly displayed within the circle of "ambiguity" and the ICON
disappears. It must be clear to the observer that the stations location is
not precise.

de WB4APR, Bob

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102. [htaprs] Free (almost) Software

From: Claude Head <k5dtn@worldnet.att.net>
Date: Tue, 18 May 1999 17:48:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21358-1999.05.18-17.55.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Free (almost) software

I have the following software that I am no longer using.
I will be happy to send the software to whoever requests
it, asking only that you reimburse me for the cost of
sending it to you. All of the software listed is on CD ROM
media, most in jewel cases, a few in cardboard slip cases.
All are for PCs running Windows OS.

At least the various mapping items can or might be used for
APRS (There! I said it!)

The special mailers for the CD ROMs cost $1.10 each.

The deal is this. I send you the software you request.
You send me $1.10 plus the first class mail postage
from Dallas to wherever you are for each item, after
you receive the item.

Software Items follow:

 1. DeLorme Map'n'Go, Version 2.0
 2. DeLorme Map'n'Go, Version 4.0
 3. DeLorme Street Atlas USA, Version 3.0
 4. DeLorme Street Atlas USA, Version 4.0
 5. DeLorme Street Atlas USA, Version 4.0
 6. DeLorme Street Atlas USA, Version 5.0 (2 CD set)
 7. Just Softworks (Later Chicago Map Corp) Precision Mapping Version
2.0
 8. Chicago Map Corporation Precision Mapping Streets Version 3.0
 9. Quantum Axcess Graphics FX
10. The Software Toolworks Multimedia Encyclopedia Version 1.5
11. Intuit Quicken Deluxe for Windows
12. Intuit Quicken Deluxe Version 6
13. Intuit Quicken Deluxe 98
14. Microsoft Windows NT Workstation Version 3.51
15. Microsoft Windows NT Workstation Version 3.51

In the interest of spreading this around, let's limit
the requests to one per person.

Please tell me second and third choices, in case the item
you request is already spoken for, or if you would allow me
to substitute a close item.

Any items not requested by a week from today go
in the dumpster!

73,   Claude Head
        K5DTN
        13316 Spring Grove
        Dallas, TX 75240

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103. [htaprs] TH-D7A Questions - Possible Bugs???

From: Jon Ogden <jono@enteract.com>
Date: Tue, 18 May 1999 21:16:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21394-1999.05.18-21.16.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Perhaps these questions have been asked but I've not been able to find
anything about them. And since I just got my TH-D7A at Dayton, I am
still not real familiar with it. It certainly is a great HT, but I need
to know whether what I am experiencing is normal or if I have a problem
child on my hands.

Here goes:

1.) Posit transmissions: It appears to me that if you are in an area
that does not have much APRS/packet activity that the HT will not send
out position packets. Today I was traveling through rural Iowa. I was
in an area where there was no APRS activity. I would turn my beacon on
and it would transmit. Then I would wait for the next transmission time
(1 minute intervals). The radio would never transmit again. I waited
for 5 minutes at one point and it never transmitted. However, as soon as
it heard a packet from another station, it would transmit and keep
transmitting as long as there was some sort of activity during that
minute. Is this what is supposed to happen?? I could see it being a
benefit as you wouldn't waste battery power in areas where no one would
hear you, but is this what it is supposed to do?

2.) Posit timing intervals: I have my posit timing interval set to 1
minute. However, when I would send posits they seemed to be sent every
61 or 62 seconds. It was definitely longer than a minute between posits.
(Please no complaints about whether a minute is too short of a time
period).

3.) TNC sorta lock up: It seems like occasionally, the TNC would stop
processing packets. I would need to turn the TNC off and then on again.
And when this happened no posits would be made. No, I was not in packet
mode.

4.) TNC changes call to NOCALL: This happened twice. The TNC suddenly
changed my call to NOCALL. I would get NOCALL packets receieved instead
of "MY PACKET" after I would transmit. And yes it was me, cause I would
see my posit comment. I would check my APRS menus and in there my call
was correct. Turning the TNC off and on again would set everything right.

5.) No processing of packets: When I got near home this evening, I could
hear lots of packet data being transmitted. Yet I saw very FEW stations
actually come up on my screen. The TNC ignored just about all of what it
heard. WHY??

6.) Lots of ?? packets: I get a lot of packets from people that are not
processable. I get the ?? in front of their call.

7.) oM text in bottom left corner: Sometimes I get the characters "oM"
(without quotes) in the bottom left corner of the screen. What does this
mean? I can't find any reference to it in the manual.

OK, so that's what I have found so far. Do I have a bum unit that needs
to be exchanged by the dealer?

Also at Dayton, when the HTs my buddies bought would lock up due to
packet overload, mine would turn off instead of freezing like theirs did.
 Does this mean something?

Any help anyone can give would be great. I think some Kenwood folks
monitor this reflector, right?

Thanks es 73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: Jon Ogden <jono@enteract.com>
Date: Tue, 18 May 1999 21:33:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21396-1999.05.18-21.33.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>3.) TNC sorta lock up: It seems like occasionally, the TNC would stop
>processing packets. I would need to turn the TNC off and then on again.
>And when this happened no posits would be made. No, I was not in packet
>mode.
>

>5.) No processing of packets: When I got near home this evening, I could
>hear lots of packet data being transmitted. Yet I saw very FEW stations
>actually come up on my screen. The TNC ignored just about all of what it
>heard. WHY??

A clarification: 3 & 5 seem the same, but in point 5, turning the TNC off

and on again would not make any difference.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: David Nesting <david@fastolfe.net>
Date: Tue, 18 May 1999 23:05:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-21413-1999.05.18-23.10.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, May 18, 1999 at 09:16:38PM -0500, Jon Ogden wrote:
>
> 1.) Posit transmissions: It appears to me that if you are in an area
> that does not have much APRS/packet activity that the HT will not send
> out position packets. Today I was traveling through rural Iowa. I was

Are you going by the red LED or the presence of a "MY PACKET" following
your transmission? If nobody's digipeating nearby, or your own
transmission is too weak, you won't get your own packet repeated back
at you ("MY PACKET").

If this isn't the case, I don't know. Perhaps someone else has had
similar problems. I haven't tried mine at one-minute intervals, but
at five-minute intervals, I get consistent transmissions.

> 2.) Posit timing intervals: I have my posit timing interval set to 1
> minute. However, when I would send posits they seemed to be sent every
> 61 or 62 seconds. It was definitely longer than a minute between posits.

Perhaps it's counting sixty seconds from the end of one transmission to
the start of the next? There may be various internal processing delays
(like when receiving GPS information) that might affect this timing. Is
it important that the timing be accurate?

As far as that goes, I'm not certain of the electronic details,
but it doesn't seem like it's using an internal *clock* per se, but a
secondy-by-second (or longer) delay mechanism for its timings. If this
is the case, this obviously won't be as accurate as a true clock.

> 5.) No processing of packets: When I got near home this evening, I could
> hear lots of packet data being transmitted. Yet I saw very FEW stations
> actually come up on my screen. The TNC ignored just about all of what it
> heard. WHY??
>
> 6.) Lots of ?? packets: I get a lot of packets from people that are not
> processable. I get the ?? in front of their call.

It sounds like perhaps the other stations are simply too weak? In my
experience, the D7 requires a much stronger signal than your typical TNC.
Stations that *sound* clear might not be clear enough to be processed by
the D7's TNC and thus will be either ignored totally or you'll get the ??
indicator indicating that the D7 couldn't figure out the packet.

Also, if there's other non-APRS traffic on the same frequency, these
results (ignoring the packet or giving a ?? message) would be normal.

> 7.) oM text in bottom left corner: Sometimes I get the characters "oM"
> (without quotes) in the bottom left corner of the screen. What does this

> mean? I can't find any reference to it in the manual.

Check the diagram caption on page 77 of the D7A manual:

   * When a message to other stations is received, "oM"
     appears at the bottom left of the display.

> OK, so that's what I have found so far. Do I have a bum unit that needs
> to be exchanged by the dealer?

The items I didn't comment on are new to me (well, besides hearing about
them on the list). My D7 has never locked up or behaved strangely at all,
and I've put it through quite a bit of use so far. The serial number
starts with 011, so it shipped with the new firmware. I don't know if
that has anything to do with it, though.

Good luck!

David

--
 == David Nesting WL7RO Fastolfe david@fastolfe.net http://fastolfe.net/ ==

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: "Ed Palmer" <ku4ly@arrl.net>
Date: Tue, 18 May 1999 23:34:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21418-1999.05.18-23.41.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>1.) Posit transmissions: It appears to me that if you are in an area
>that does not have much APRS/packet activity that the HT will not send
>out position packets. Today I was traveling through rural Iowa. I was
>in an area where there was no APRS activity. I would turn my beacon on
>and it would transmit. Then I would wait for the next transmission time
>(1 minute intervals). The radio would never transmit again.

>5.) No processing of packets: When I got near home this evening, I could
>hear lots of packet data being transmitted. Yet I saw very FEW stations
>actually come up on my screen. The TNC ignored just about all of what it
>heard. WHY??

Seen both of these "problems" on mine. While I acknowledge that #5 may be
just a requirement of the TNC to have what sounds to me like a super-strong
signal to get a good packet, I've watched it pass up packets that were
"pegging the needle" and completely devoid of noise, while either properly
decoding or at least putting up the "??" for packets with audible noise.

Problem #1, though, seems to happen all the time with my unit. It's also
set to send a posit every minute. I'm wondering if the clock in the unit
might not be software polled and not interrupt-driven and something in the
software is preventing the clock from being updated. I've noticed that
sometimes pressing any key (including the monitor button on the side to open
the squelch) will cause it to send a position packet.

I haven't gotten the firmware updated yet; don't know if this might help
even though neither issue is listed in Kenwood's update announcement.

--Ed

Ed Palmer, KU4LY
Navarre, FL
ku4ly@arrl.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] Re: TH-D7A Qustions - Possible Bugs???

From: Ernst Niggli <niggli@pyl.unibe.ch>
Date: Wed, 19 May 1999 08:07:43 +0200

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21432-1999.05.19-01.13.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

TX-interval longer than expected:

I had the same problem.
Switching the power saving function of the receiver "OFF" appeared to
prevents this.
[Attachment: niggli.vcf; text/x-vcard; 286 bytes]

108. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Wed, 19 May 1999 10:23:00 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21447-1999.05.19-03.27.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op woensdag 19 mei 1999 6:05, heeft David Nesting [SMTP:david@fastolfe.net]
geschreven:
> On Tue, May 18, 1999 at 09:16:38PM -0500, Jon Ogden wrote:
>
> > 5.) No processing of packets: When I got near home this evening, I could

> > hear lots of packet data being transmitted. Yet I saw very FEW stations

> > actually come up on my screen. The TNC ignored just about all of what
it
> > heard. WHY??
> >
> > 6.) Lots of ?? packets: I get a lot of packets from people that are not
> > processable. I get the ?? in front of their call.
>
> It sounds like perhaps the other stations are simply too weak? In my
> experience, the D7 requires a much stronger signal than your typical TNC.
> Stations that *sound* clear might not be clear enough to be processed by
> the D7's TNC and thus will be either ignored totally or you'll get the ??
> indicator indicating that the D7 couldn't figure out the packet.
>
> Also, if there's other non-APRS traffic on the same frequency, these
> results (ignoring the packet or giving a ?? message) would be normal.
>
Ive noticed the same thing with my th-d7 even strong signals are not always
enough for the tnc to decode it local interference can corupt an otherwise
good signal.

I observed a strange form of intermod with my th-d7e when i'm in the train,
ive got 70cm tuned to 430.125 and 2m to 144.8625 and i can here the
conversation of the rail company (somewere in 450 mhz?) on my 2m side,
it doesn't do it if 70cm is turned off.

73 de Andre PE1RDW
NCI member
http://www.pe1rdw.demon.nl/aprs.html

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109. [htaprs] Re: TH-D7A Qustions - Possible Bugs???

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Wed, 19 May 1999 12:28:42 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21449-1999.05.19-05.33.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op woensdag 19 mei 1999 8:08, heeft Ernst Niggli [SMTP:niggli@pyl.unibe.ch]
geschreven:
> TX-interval longer than expected:
>
> I had the same problem.
> Switching the power saving function of the receiver "OFF" appeared to
> prevents this.

You mean there are people trying to do packet with power saving active
It could not work 100% because when the th is saving the battery it cant
receive and lose the start of a frame.

i believe it is in the manual but i'm not sure.

73 de Andre PE1RDW
NCI member
http://www.pe1rdw.demon.nl/aprs.html

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110. [htaprs] D7 to Garmin Cables for sale

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Wed, 19 May 1999 07:50:11 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21458-1999.05.19-07.04.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Many many people have asked me about cables for the D7 to the Garmin GPSs.

Due to a large number of requests, I have been talked into making these and
selling them.

I will be making four different types

Type 1	6' cable to Garmin Connector	$20
Type 2	3' cable to Garmin Connector	$20
Type 3	1' cable to Garmin Connector	$20
Type 4	3' cable to Garmin Conector with wires coming out for power for the GPS	$25

The prices include shipping.

Custom cables can be done at the same price or very close, these are just
the sizes I plan on keeping in stock.

If you want one, please send me email (NOT TO THE LIST) and then send a
check to:

Keith Sproul
698 Magnolia Road
North Brunswick, NJ 08902

Keith Sproul	732 445-3695 Office
Student Housing Network Coordinator	732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu	732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/	WU2Z

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111. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: Jon Ogden <jono@enteract.com>
Date: Wed, 19 May 1999 07:42:11 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21462-1999.05.19-07.41.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Seen both of these "problems" on mine. While I acknowledge that #5 may be
>just a requirement of the TNC to have what sounds to me like a super-strong
>signal to get a good packet, I've watched it pass up packets that were
>"pegging the needle" and completely devoid of noise, while either properly
>decoding or at least putting up the "??" for packets with audible noise.

Agreed. I see this too. It is odd.

>
>Problem #1, though, seems to happen all the time with my unit. It's also
>set to send a posit every minute. I'm wondering if the clock in the unit
>might not be software polled and not interrupt-driven and something in the
>software is preventing the clock from being updated. I've noticed that
>sometimes pressing any key (including the monitor button on the side to open
>the squelch) will cause it to send a position packet.

Yep. I noticed that as well. As soon as anything "different" happens a
packet is transmitted.

>
>I haven't gotten the firmware updated yet; don't know if this might help
>even though neither issue is listed in Kenwood's update announcement.

This unit is supposed to have the latest firmware.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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112. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Wed, 19 May 1999 07:48:20 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21489-1999.05.19-09.53.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The only bug I've noticed is that the Course is anywhere from 11 to 13
degrees too great. Check it out yourself with a GPS that's in a stable
Simulation mode.

Russ Brown, KB6LUD

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] Posit Interval on TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Wed, 19 May 99 10:22:25 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21495-1999.05.19-10.23.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, I think I may have reached a conclusion (possibly) on the posit
timing question I had and perhaps someone can confirm this.

I am sitting with the HT in my office this morning and watching it in 1
minute intervals to see how it transmits. I am getting no APRS traffic
inside and on the rubber duck antenna.

It seems that the transmit interval is actually 62 seconds or thereabout.
 I recall reading somewhere in the manual that the HT waits for 2 seconds
to see if the channel is clear before sending messages, etc. So perhaps
it is waiting for 60 seconds to send the packet and then after that timer
goes off, it waits another 2 seconds to be sure the channel is clear.
Anyone else documented this?

This could be why when I was driving and I would check the HT every
minute I would see that I didn't key up at times. It likely did it was
just that it was at a different interval every transmission.

Do I need EXACTLY 60 second intervals. Not by a long stretch. I just
want to verify proper behavior of the HT.

Regarding the times I didn't see it transmit at all for several
minutes...Well perhaps it was due to the fact I was running off of an
unfiltered DC power cord from the car? Someone suggested that.
Actually, I was running off of the Radio Shack auto regulator (it's a
little device where you can select 3V, 6V or 12V or similar). I was
running at 12V. Perhaps that was causing some of my TNC problems?

Any help anyone can give would be great.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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114. [htaprs] Kenwood TH-D7A

From: c_watson@asi.admworld.com
Date: Wed, 19 May 1999 10:07:11 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21503-1999.05.19-11.13.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been thinking about getting one of these radios but with some of the
problems, although maybe minor, I thinking maybe wait till they get the bugs
out. I currently have a tracker. I'm just thinking that radio would be
nice to have. The problem is I would also like to buy a new HF radio also.
If the HT is still getting bugs worked out maybe I'll wait and get the HF
then the new HT, but I would probably use the HT more (i.e. at work).

All you current owners, is it worth it to get it now or wait for the
"fixed" version or is that version already here?

Thanks to all on the SIG
Clayton Watson
c_watson@asi.admworld.com

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115. [htaprs] Re: Kenwood TH-D7A

From: "Maxwell C. Lee" <n4nwd@bellsouth.net>
Date: Wed, 19 May 1999 12:26:21 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21507-1999.05.19-11.34.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey Clayton,

I have a THD7 and have NOT had the new firmware loaded into
it yet. I am using it with a Garmin GPS III and have not had any
problems that I know of.

I use the standard Kenwood Battery - Standard Kenwood Cigarette
Lighter Plug - and I have always despised the thought of using Battery
Saver - That is what the on/off swith is for - If I can't hear the whole
Transmission - I don't want any of it.

I will admit I am very new to APRS - I haven't tried pushing the unit to
the edge trying to get it to do all the fancy stuff - and I have loved it.

What do you want to do with it?

(((((: Mad Max :)))))
n4nwd@Bellsouth.net
Chattanooga, TN

c_watson@asi.admworld.com wrote:

> I have been thinking about getting one of these radios but with some of the
> problems, although maybe minor, I thinking maybe wait till they get the bugs
> out. I currently have a tracker. I'm just thinking that radio would be
> nice to have. The problem is I would also like to buy a new HF radio also.
> If the HT is still getting bugs worked out maybe I'll wait and get the HF
> then the new HT, but I would probably use the HT more (i.e. at work).
>
> All you current owners, is it worth it to get it now or wait for the
> "fixed" version or is that version already here?
>
> Thanks to all on the SIG
> Clayton Watson
> c_watson@asi.admworld.com
>

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116. [htaprs] Video Cell phones

From: Ray Vaughan <ray@rayvaughan.com>
Date: Wed, 19 May 1999 12:47:11 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21509-1999.05.19-11.52.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I caught a quick story last night about a new cell phone just released in
Japan. It's cell phone with a video camera and screen. It won't be
available here for a few years, but at least it's an indication that it CAN
be done in a radio. I predict we'll see a video ham radio within 2 years.
All the advantages of the Kenwood unit, but built into the radio itself.
No add-ons. The screen will allow us to get better use out of APRS since
we would be able to see positions when we're not in the video mode.

Think of it...

The TNC of a THD7, the video of the Kenwood unit and the map memory of a
GPS III+. All in one handheld device. Pretty cool. Just give them time.

Ray J. Vaughan, MS, CBTE
KD4BBM
ray@rayvaughan.com
http://www.rayvaughan.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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117. [htaprs] Re: Video Cell phones

From: Jon Ogden <jono@enteract.com>
Date: Wed, 19 May 99 12:17:44 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21512-1999.05.19-12.18.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I predict we'll see a video ham radio within 2 years.
>All the advantages of the Kenwood unit, but built into the radio itself.
>No add-ons. The screen will allow us to get better use out of APRS since
>we would be able to see positions when we're not in the video mode.

We kind of have that now: VC-H1. Yeah it is an add on, but think of it
as a big speaker mic!

>
>Think of it...
>
>The TNC of a THD7, the video of the Kenwood unit and the map memory of a
>GPS III+. All in one handheld device. Pretty cool. Just give them time.

That is cool! What would be neat is if someone came out with a device
that would snap on where the batter goes that would be a GPS RX. You
could have a quad filar helical antenna on it. A little rigid connector
jumper would connect between the GPS RX and the GPS port on the HT. The
HT's battery would then snap on to the GPS RX. Then you got a complete
tracker you can wear on your belt! We could locate each other real easy
at Dayton or similar with just a couple keystrokes. This would be really
neat.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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118. [htaprs] Re: Kenwood TH-D7A

From: David Nesting <david@fastolfe.net>
Date: Wed, 19 May 1999 12:17:43 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-21515-1999.05.19-12.23.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, May 19, 1999 at 10:07:11AM -0600, c_watson@asi.admworld.com wrote:
>
> All you current owners, is it worth it to get it now or wait for the
> "fixed" version or is that version already here?

Clayton,

The D7's available on the shelves now should already have the "updated"
firmware everyone's talking about. Such units should have serial numbers
beginning with 011. I have one of these units and have never experienced
the lockups or other miscellaneous problems others are mentioning.

The only real complaint I have and the high signal requirement for the
decoding of packets. Aside from that, the unit's performed quite nicely.
I regularly log into local packet BBS's with it and do the APRS thing
when I'm on trips.

Your mileage may vary. Good luck.

David

--
 == David Nesting WL7RO Fastolfe david@fastolfe.net http://fastolfe.net/ ==

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119. [htaprs] Re: Kenwood TH-D7A

From: Gary Wells <gwells@nbn.net>
Date: Wed, 19 May 1999 13:13:56 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21516-1999.05.19-12.35.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>All you current owners, is it worth it to get it now or wait for the
>"fixed" version or is that version already here?
>

Almost all the radio and computer stuff I have collected over the past
10 years have some "bugs". If I wait for everything to be "bug free"
before buying it, I might as well take up stamp collecting and get
out of the tech hobbies ;-)

Seriously, is it worth it? IMHO, yes. I did wait for the firmware
update before buying my TH-D7A. I have also experienced most
of the things that have been discussed on the SIG, but have found
them, for me, to be nothing more then minor annoyances. The radio
has been a real joy for me, and I haven't regretted it for even a moment.

Gary Wells N3HCP
N3HCP@nbn.net

http://www.n3hcp.com

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120. [htaprs] Re: Kenwood TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Wed, 19 May 99 13:52:07 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21531-1999.05.19-13.52.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The D7's available on the shelves now should already have the "updated"
>firmware everyone's talking about. Such units should have serial numbers
>beginning with 011. I have one of these units and have never experienced
>the lockups or other miscellaneous problems others are mentioning.

My unit is serial number 011000152 or something similar. I do have all
the problems I mentioned. However, perhaps some of the suggestions
people have said about using the Kenwood filtered power cord, etc. may
help.

There IS a definite lock-up bug in the TNC that will cause the radio to
lock up with too much packet activity. Everyone at Dayton had this
problem. Kenwood is aware of this and will be looking into getting it
fixed in the next firmware upgrade.

I would buy the radio and send in for the upgrades as they come
available. It is a great HT and I've had a ton of fun with it so far in
spite of my problems.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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121. [htaprs] Re: Kenwood TH-D7A

From: David Nesting <david@fastolfe.net>
Date: Wed, 19 May 1999 14:02:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-21535-1999.05.19-14.07.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, May 19, 1999 at 01:52:07PM -0500, Jon Ogden wrote:
> >beginning with 011. I have one of these units and have never experienced
> >the lockups or other miscellaneous problems others are mentioning.
>
> My unit is serial number 011000152 or something similar. I do have all
> the problems I mentioned. However, perhaps some of the suggestions
> people have said about using the Kenwood filtered power cord, etc. may
> help.
>
> There IS a definite lock-up bug in the TNC that will cause the radio to
> lock up with too much packet activity. Everyone at Dayton had this
> problem. Kenwood is aware of this and will be looking into getting it
> fixed in the next firmware upgrade.

This probably has a bit to do with it. My Icom 12V adapter is filtered
and I've never been in what some would classify a "high traffic" area.
San Antonio is about DEAD as far as APRS goes (and most everything else)
and even St. Louis didn't seem that heavily populated with APRS units.

Could a lot of these problems be traced back to something simple like
an unfiltered power cord or heavy traffic?

David

--
 == David Nesting WL7RO Fastolfe david@fastolfe.net http://fastolfe.net/ ==

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122. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 19 May 1999 15:46:26 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-21548-1999.05.19-14.52.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > On Tue, May 18, 1999 at 09:16:38PM -0500, Jon Ogden wrote:
> >
> > > 5.) No processing of packets: When I got near home this evening, I
> > > could hear lots of packet data being transmitted. Yet I saw very
> > > FEW stations actually come up on my screen.

This problem is as old as packet radio. 90% of the signals on packet
radio are shoddy, because the transmit level was never properly adjusted.
For BBS's, who cares, as long as you can get in to your BBS. But go
mobile, and a lousy signal is going to have lousy performance. I would go
so far as to say that less than 1 in 10 signals you hear are any good.

Problem is, we are so used to listening to the shoddy ones, we dont
recognize a good one by ear. But it is like good music compared to
hard-rock... But all most people hear anyway are the digis, and most of
them are no better.

de WB4APR, Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

123. [htaprs] Re: Kenwood TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Wed, 19 May 99 14:57:25 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21550-1999.05.19-14.58.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Could a lot of these problems be traced back to something simple like
>an unfiltered power cord or heavy traffic?

Possibly. However, it is worrisome that noise on a supply line can cause
so much headache. Why not put the filtering INSIDE the radio instead of
on the supply cord. Oh well. I may just have to break down and buy the
Kenwood cable. They already got me for the rapid charger (can't charge a
second battery while using the radio w/o it!).

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

124. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: Jon Ogden <jono@enteract.com>
Date: Wed, 19 May 99 15:05:25 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21553-1999.05.19-15.06.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Problem is, we are so used to listening to the shoddy ones, we dont
>recognize a good one by ear. But it is like good music compared to
>hard-rock... But all most people hear anyway are the digis, and most of
>them are no better.

That is interesting. And having never really listened to packets audibly
while driving (nor at home either) for a long time, I was suprised by how
many collisions I hear even between stations with big signals. Perhaps
some digis don't hear as well as they should.

I think the stations I hear best are the ones I probably hear direct!

OK, it seems like I've figured out most of my "problems." I'll let
everyone know if I still have some of them from just running off of the
HT's battery.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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125. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: Ray Vaughan <ray@rayvaughan.com>
Date: Wed, 19 May 1999 16:37:53 -0400

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21557-1999.05.19-15.43.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>This problem is as old as packet radio. 90% of the signals on packet
>radio are shoddy, because the transmit level was never properly adjusted.
>For BBS's, who cares, as long as you can get in to your BBS. But go
>mobile, and a lousy signal is going to have lousy performance. I would go
>so far as to say that less than 1 in 10 signals you hear are any good.

It seems like there could be something that would rate this. Your station sends to another (hopefully on another channel) and gets a report back on error rate. If I send 100 packets over an hour, and the other end only gets 85, I've got a 15% lost packet rate. If the remote end was in a KISS mode, I would think even more analysis would be possible, maybe even to the character level. Is it the mark or the space that's a problem?

Here's the test sequence I'm thinking of...

1. I send an request to TEST-1 to start a session
2. TEST-1 answers back Now or Later, depending on if another session is in progress.
3. If I get 'later' nothing happens
4. If Now,
5. I send a certian test message every x seconds. This message would be designed to test not only packet delivery, but also stress test mark and space.
6. I send a end of test message.
7. Remote system TEST-1 sends back results.

Another thought would be a calibrated receiver connected to a SoundBlaster. The TNC would figure out who's packet it saw, then answer back with the deviation for mark and space based on the audio level into the SoundBlaster. At set up, a table would be created that would translate the p-p Audio Level to a Deviation level in kHz. Tone frequency could be checked too. Cliping might be measured, but I would expect that to be kinda tricky. I bet there's a way to measure % distortion on a SB from the audio world. Maybe the SoundBlaster could even decode the packets. Something like this could sit on 144.39 in each city, average and log everyone's deviation and then post it to a web page. Want to know how you compare? Go to the web site.

I just wish I could program stuff like this. If someone wants to tackle the software, I can beta test it for you.

Thoughts anyone?

Ray J. Vaughan, MS, CBTE
KD4BBM
ray@rayvaughan.com
http://www.rayvaughan.com/

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126. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 19 May 1999 18:13:27 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-21575-1999.05.19-17.19.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ray suggested a packet test procedure.... (copy following)....

But here is the one I have always used and it gives excellent results:

1. Operate TNC in dumb terminal mode
2. Put callsign of digi you want to test in your UNPROTO
3. Go to converse
4. Hit TEN Carriage returns as fast as you can. Count the number digipeated. The result times 10 gives you your reliability in %
5. Reduce power, repeat #4.

This is an excellent test because it gives you a 1-for-1 evaluation for
every packet transmitted. COnversly, testing packet by "CONECTING" to
someone is useless. It gives you a GO/NO-GO answer, but NO information on
"QUALITY"...

de WB4APR, Bob

 On Wed, 19 May 1999, Ray Vaughan wrote:

> It seems like there could be something that would rate this. Your station
> sends to another (hopefully on another channel) and gets a report back on
> error rate. If I send 100 packets over an hour, and the other end only
> gets 85, I've got a 15% lost packet rate. If the remote end was in a KISS
> mode, I would think even more analysis would be possible, maybe even to the
> character level. Is it the mark or the space that's a problem?
>
> Here's the test sequence I'm thinking of...
>
> 1.   I send an request to TEST-1 to start a session
> 2.   TEST-1 answers back Now or Later, depending on if another session is in
> progress.
> 3.   If I get 'later' nothing happens
> 4.   If Now,
> 5.   I send a certian test message every x seconds. This message would be
> designed to test not only packet delivery, but also stress test mark and
> space.
> 6.   I send a end of test message.
> 7.   Remote system TEST-1 sends back results.
>
> Another thought would be a calibrated receiver connected to a SoundBlaster.
> The TNC would figure out who's packet it saw, then answer back with the
> deviation for mark and space based on the audio level into the
> SoundBlaster. At set up, a table would be created that would translate the
> p-p Audio Level to a Deviation level in kHz. Tone frequency could be
> checked too. Cliping might be measured, but I would expect that to be
> kinda tricky. I bet there's a way to measure % distortion on a SB from the
> audio world. Maybe the SoundBlaster could even decode the packets.
> Something like this could sit on 144.39 in each city, average and log
> everyone's deviation and then post it to a web page. Want to know how you
> compare? Go to the web site.
>
> I just wish I could program stuff like this. If someone wants to tackle
> the software, I can beta test it for you.
>
> Thoughts anyone?
>
>
>
>
>
> Ray J. Vaughan, MS, CBTE
> KD4BBM
> ray@rayvaughan.com
> http://www.rayvaughan.com/
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
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127. [htaprs] Adaptive Beacon Rate (was Distance Reporting Rate)

From: Claude Head <k5dtn@worldnet.att.net>
Date: Wed, 19 May 1999 17:52:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21586-1999.05.19-17.57.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gentlemen: I've been thinking, off and on, about an adaptive
beacon rate for about a year now. I've done a little simulation

and some field testing, although more needs to be done in order
to get a good, simple, and reliable adaptive beacon algorithm,
especially one which could fit in a TNC processor. Of course,
putting something like this in a PC program should not be a
problem at all, but not everyone wants, or can afford, to drag
a PC along just to get adaptive beaconing!

I have pretty well reached the conclusion that the
significant point in an adaptive beacon rate is just a change
in heading, not distance moved or speed or time elapsed! That
said, I find I need to consider both time and speed as well to
take care of the boundary conditions and to help with removing
the effects of SA. However, the main determination comes only
from changes in heading or bearing. As long as you are moving,
but not changing your heading, you don't really need to send
your position over and over again. Here, however, a timed
interval is needed to keep people from thinking you had gotten
lost, or to keep your plotted position reasonably current. In
the real world of vehicles moving on streets (or off road, for
that matter), I think that changing in headings will almost
always determine when a position is transmitted. Further, I
believe that any approach to an adaptive beacon rate that does
not consider bearing or heading changes will never be able to
provide a very accurate plot of where you have been.

I think all the necessary information is found in the $GPRMC
sentence, specifically the "speed over ground" and "course
made good" items.

The "trip points" shown below are reasonable guesses, I think.
However, my point here is not to debate these "trip points",
but to discuss the algorithm. If the algorithm works, then
it is easy enough to adjust the "trip points" (or constants)
to optimize performance.

Here is a "talk through" of a possible adaptive beacon rate
algorithm.

If the speed is less than, say 1 knot, we are probably not
moving and are seeing SA effects. In this case, beacon the
position every, say 15 or 20 minutes.

If the speed is greater than, say 1 knot, and it has been
longer than, say 3 minutes, since the last beacon, beacon
again and reset the beacon timer. This would keep us pretty
current on long straight stretches of highway.

Then keep a running sum of the changes in heading for
each pair of the $GPRMC points obtained from the GPS receiver.
A single data point for heading change is the current data
point heading minus the last data point heading. When the
absolute value of the sum of these heading changes reaches,
say around 5 to 10 degrees, then beacon the position and
reset the beacon timer and the heading change sum.

We would probably need a minimum delay before the next beacon
is permitted to prevent several beacons during a right angle
corner turn. The delta bearing sum should be reset after this
delay, rather than before it.

This should, I think, prevent new transmissions from SA effects
or from simple lane changes on the freeway, but would still pick
up a long, gradual curve pretty quickly and a corner turn almost
immediately.

What say ye?

Regards, Claude

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128. [htaprs] Re: D7 to Garmin Cables for sale

From: "myoung" <myoung@neo.rr.com>
Date: Wed, 19 May 1999 19:37:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21599-1999.05.19-18.54.55--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

At 07:50 AM 5/19/99 , you wrote:
>
>Many many people have asked me about cables for the D7 to the Garmin GPSs.
>
>Due to a large number of requests, I have been talked into making these and
>selling them.
>
>
>I will be making four different types
>
>
>Type 1   6' cable to Garmin Connector $20
>
>Type 2   3' cable to Garmin Connector $20
>
>Type 3   1' cable to Garmin Connector $20
>
>Type 4   3' cable to Garmin Conector $25
>   with wires coming out for power for the GPS
>
>
>
>The prices include shipping.
>
>
>
>Custom cables can be done at the same price or very close, these are just
>the sizes I plan on keeping in stock.
>
>
>If you want one, please send me email (NOT TO THE LIST) and then send a
>check to:
>
>Keith Sproul
>698 Magnolia Road
>North Brunswick, NJ 08902
>
>Keith Sproul   732 445-3695 Office
>Student Housing Network Coordinator   732 445-2968 Fax
>mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
>http://dorm.rutgers.edu/~ksproul/   WU2Z
>
>
>
Keith,

Thanks for taking on this additional project.

But it's a sad commentary when Ham Radio operators can't build cables for
whatever reason.

You write our software and do our hardware....

All sarcasm aside... If you need any help... Please let me know... If it
would help (so u can do software) !!!!

Mike, WB8CXO

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129. [htaprs] Re: [aprsplus] Adaptive Beacon Rate (was Distance Reporting Rate)

From: Robert Donnell <kd7nm@ricochet.net>
Date: Wed, 19 May 1999 16:57:45 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21601-1999.05.19-19.03.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mike Musik has already implemented a simple one in pocketAPRS. The
reporting sensitivity is currently one mile, but is likely to become
adjustable. The maximum delay to transmit is the other settable parameter
- the default is currently 15 minutes, but can be reduced to something
under a minute.

73. Bob

At 05:52 PM 5/19/99 -0500, Claude Head wrote:
>Gentlemen: I've been thinking, off and on, about an adaptive
>beacon rate for about a year now. I've done a little simulation
>and some field testing, although more needs to be done in order
>to get a good, simple, and reliable adaptive beacon algorithm,
>especially one which could fit in a TNC processor. Of course,
>putting something like this in a PC program should not be a
>problem at all, but not everyone wants, or can afford, to drag
>a PC along just to get adaptive beaconing!
>
>I have pretty well reached the conclusion that the
>significant point in an adaptive beacon rate is just a change
>in heading, not distance moved or speed or time elapsed! That
>said, I find I need to consider both time and speed as well to
>take care of the boundary conditions and to help with removing
>the effects of SA. However, the main determination comes only
>from changes in heading or bearing. As long as you are moving,
>but not changing your heading, you don't really need to send
>your position over and over again. Here, however, a timed
>interval is needed to keep people from thinking you had gotten
>lost, or to keep your plotted position reasonably current. In
>the real world of vehicles moving on streets (or off road, for
>that matter), I think that changing in headings will almost
>always determine when a position is transmitted. Further, I
>believe that any approach to an adaptive beacon rate that does
>not consider bearing or heading changes will never be able to
>provide a very accurate plot of where you have been.
>
>I think all the necessary information is found in the $GPRMC
>sentence, specifically the "speed over ground" and "course
>made good" items.
>
>The "trip points" shown below are reasonable guesses, I think.
>However, my point here is not to debate these "trip points",
>but to discuss the algorithm. If the algorithm works, then
>it is easy enough to adjust the "trip points" (or constants)
>to optimize performance.
>
>Here is a "talk through" of a possible adaptive beacon rate
>algorithm.
>
>If the speed is less than, say 1 knot, we are probably not
>moving and are seeing SA effects. In this case, beacon the
>position every, say 15 or 20 minutes.
>
>If the speed is greater than, say 1 knot, and it has been
>longer than, say 3 minutes, since the last beacon, beacon
>again and reset the beacon timer. This would keep us pretty
>current on long straight stretches of highway.
>
>Then keep a running sum of the changes in heading for
>each pair of the $GPRMC points obtained from the GPS receiver.
>A single data point for heading change is the current data
>point heading minus the last data point heading. When the
>absolute value of the sum of these heading changes reaches,
>say around 5 to 10 degrees, then beacon the position and
>reset the beacon timer and the heading change sum.
>
>We would probably need a minimum delay before the next beacon
>is permitted to prevent several beacons during a right angle
>corner turn. The delta bearing sum should be reset after this
>delay, rather than before it.
>
>This should, I think, prevent new transmissions from SA effects
>or from simple lane changes on the freeway, but would still pick
>up a long, gradual curve pretty quickly and a corner turn almost
>immediately.
>
>What say ye?
>
>Regards, Claude
>
>

  Bob Donnell, KD7NM   bob@kd7nm.ampr.org kd7nm@ricochet.net
  Western Washington Amateur IP Address Coordinator   (425) 775-3651
---------------------- http://wetnet.wa.com/~kd7nm ----------------------

---

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130. [htaprs] Re: Adaptive Beacon Rate (was Distance Reporting Rate)

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Wed, 19 May 1999 21:08:43 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "aprs" <aprssig@tapr.org>
Message-ID: <LYR845-21607-1999.05.19-20.14.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can we do with with a PIC e?

Wes - kd4rdb@qsl.net
http://www.qsl.net/kd4rdb

Where am I?
http://map.aprs.net/kd4rdb-9
http://map.aprs.net/kd4rdb-10

Hookt on fonix werkt fer me!
-----Original Message-----
From: Claude Head <k5dtn@worldnet.att.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Wednesday, May 19, 1999 6:54 PM
Subject: [htaprs] Adaptive Beacon Rate (was Distance Reporting Rate)

>If the speed is less than, say 1 knot, we are probably not
>moving and are seeing SA effects. In this case, beacon the
>position every, say 15 or 20 minutes.
>
>If the speed is greater than, say 1 knot, and it has been
>longer than, say 3 minutes, since the last beacon, beacon
>again and reset the beacon timer. This would keep us pretty
>current on long straight stretches of highway.
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>Then keep a running sum of the changes in heading for
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>A single data point for heading change is the current data
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>absolute value of the sum of these heading changes reaches,
>say around 5 to 10 degrees, then beacon the position and
>reset the beacon timer and the heading change sum.
>
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>
>This should, I think, prevent new transmissions from SA effects
>or from simple lane changes on the freeway, but would still pick
>up a long, gradual curve pretty quickly and a corner turn almost
>immediately.
>
>What say ye?
>
>Regards, Claude
>
>---
>You are currently subscribed to htaprs as: KD4RDB@BELLSOUTH.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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131. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: "Don Boekenkruger" <donb@direct.ca>
Date: Wed, 19 May 1999 18:43:41 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21616-1999.05.19-20.45.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Problems like these are common in dual band radios, though the phenomenon
will happen on different freq's with different radios, to do with IF's n
stuff... I found that if you take your D7 abd have the VHF band on 147.260

MHz the UHF band will be inundated (sp) with intermod no matter what the
frequency. This type of scenario is also common to all dual band radios,
however once again, not every radio will show this phenomenon on the same
frequency. There's most likely a UHF frequency that will drive the VHF side
crazy... As a matter of fact, there's most likely more than one per band.

All in all, I've found the D7 to be the best dual band radio I've ever owned
as far as intermod goes...

Don Boekenkruger, VE7CBT
donb@direct.ca

> Ive noticed the same thing with my th-d7 even strong signals are not
always
> enough for the tnc to decode it local interference can corupt an otherwise
> good signal.
>
> I observed a strange form of intermod with my th-d7e when i'm in the
train,
> ive got 70cm tuned to 430.125 and 2m to 144.8625 and i can here the
> conversation of the rail company (somewere in 450 mhz?) on my 2m side,
> it doesn't do it if 70cm is turned off.
>
> 73 de Andre PE1RDW
> NCI member
> http://www.pe1rdw.demon.nl/aprs.html
>

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132. [htaprs] Re: Video Cell phones

From: "Don Boekenkruger" <donb@direct.ca>
Date: Wed, 19 May 1999 18:59:18 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21621-1999.05.19-21.01.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I thought of this immediately when I got my D7 (Back in December). Take a
look at http://www.burnabyradio.com/aprs/wedge.html

Though the drawing was not updated since I did it back in December, it shows
what you're talking about. I never got around to drawing an antenna or the
interface to the GPS port on the radio (which could be a simple pig-tail)...
It's good to draw one, but better to make one, I've not done that yet...
With the size of some of the newer engines the diagram of the wedge could
probably be even slimmer today... This diagram suggest a big ol clunky
GPS-25. Though some of the newer GPS engines could actually fit in a
regular speaker mic, it'd just be a matter of sending power up the mic cord,
and data back down. This may be a better '99 approach.

Don Boekenkruger, VE7CBT
donb@direct.ca

>
> That is cool! What would be neat is if someone came out with a device
> that would snap on where the batter goes that would be a GPS RX. You
> could have a quad filar helical antenna on it. A little rigid connector
> jumper would connect between the GPS RX and the GPS port on the HT. The
> HT's battery would then snap on to the GPS RX. Then you got a complete
> tracker you can wear on your belt! We could locate each other real easy
> at Dayton or similar with just a couple keystrokes. This would be really
> neat.
>
> 73,
>
> Jon
> KE9NA
>
>
>
> ---
> The Second Amendment is NOT about duck hunting!
>
>
> Jon Ogden
>

> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>

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133. [htaprs] Re: Adaptive Beacon Rate (was Distance Reporting Rate)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 19 May 1999 22:43:51 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-21629-1999.05.19-21.49.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, Claude Head wrote about an adaptive beacon rate: (paraphrased)
> If the speed is less than, say 1 knot, beacon every 15 or 20 minutes.
> If greater, and has been older than, say 3 minutes, then reset the timer.
> Then watch $GPRMC and when the heading changes say around 5 to 10
> degrees, then beacon the position and reset the timer.

I would modify this somewhat as follows: Watch RMC and when the heading changes by the 10 or 20 degrees, then be prepared to reset (and Xmit) *after* the next pair of moving points report the same or nearly same new heading.   This makes sure the new posit and heading are not reported until you have completed any change in course.

de WB4APR, Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] Re: Video Cell phones

From: Jon Ogden <jono@enteract.com>
Date: Wed, 19 May 1999 22:20:24 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21636-1999.05.19-22.21.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>This diagram suggest a big ol clunky
>GPS-25. Though some of the newer GPS engines could actually fit in a
>regular speaker mic, it'd just be a matter of sending power up the mic cord,
>and data back down. This may be a better '99 approach

At Dayton someone was selling a PIC GPS rx for around $80. I think it would fit in the D7's alkaline case! Still then there would be no way to power the radio except externally and you'd need an external antenna as well.

Wish I had the resources to start my own little Gizmo company! :-)

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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135. [htaprs] Free (almost) Software Status

From: Claude Head <k5dtn@worldnet.att.net>
Date: Wed, 19 May 1999 23:27:50 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21656-1999.05.19-23.33.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gentlemen:
Thanks for your enthusiastic response to my offer
of some unused software. As of 11:30 PM CDT
Wednesday May 19 there are only three items left
of the 15 originally offered. They are:

 7. Just Softworks (later Chicago Map Corp)
    Precision Mapping Version 2.0
 9. Quantum Axcess Graphics FX
10. The Software Toolworks Multimedia Encyclopedia Version 1.5

Sorry there was not enough to go around to all the
interested parties, but I'm glad someone can get some
use out of what I had.

73, Claude

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] Packet

From: "Young, Mark J" <Mark.Young@PSS.Boeing.com>
Date: Thu, 20 May 1999 06:58:44 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21700-1999.05.20-09.04.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Now that I have the Kenwood smokin on APRS I want to get my moble packet station up and running. Before
 I start to dink with PC PakRatt for windows I thought I would ask the group if anyone knows of a good
lap top Packet program that I can get to use with the TH-D7A?

73 de Mark AA7FY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] Re: Packet

From: Robert Winingham <kc5ejk@onramp.net>
Date: Thu, 20 May 1999 14:28:25 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-21752-1999.05.20-14.31.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Now that I have the Kenwood smokin on APRS I want to get my moble packet station up and running.
Before I start to dink with PC PakRatt for windows I thought I would ask the group if anyone knows of a
good lap top Packet program that I can get to use with the TH-D7A?
>

That's easy

1.
Mac APRS for the Mac (old versions will run on a 10 year old $50 Mac Plus)
Win APRS or APRSA Plus for WIN computers
Dos APRS for DOS ** supports computers back to the 8008 :-) **

I use all four on My MAC and each have features I need.

The programs are available at www.tapr.org or the links to the latest versions.

There is a palm top version also available.

The APRS programs have setups for the kenwood - Remember all TNC parameters but call sign
get reset to default on power up.

2. Then get it working with a regular comm program

3. Then tinker with a general packet program.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] Mag vs. True: Re: TH-D7A Questions - Possible Bugs???

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 20 May 1999 13:43:01 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21755-1999.05.20-14.48.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Subject: Re: TH-D7A Questions - Possible Bugs???
> From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
> Date: Wed, 19 May 1999 07:48:20 -0700

> The only bug I've noticed is that the Course is anywhere from 11 to 13
> degrees too great. Check it out yourself with a GPS that's in a stable
> Simulation mode.

Sounds like there's a mistaken assumption at some level (D7's FW, APRS SW, selected GPS sentence, etc.) about whether True vs. Magnetic headings are being represented.

A quick test for this is to try the Simulation mode on the GPS where the position is set to a far away place with a significantly different magnetic declination. US East coast vs. US West coast, for example should have several degrees of difference in the offsets.

Tony Arnerich KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Re: Packet

From: "Hufford, Kent V., Mr., IMCEN" <HuffoKV@hqda.army.mil>
Date: Thu, 20 May 1999 15:41:25 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "'htaprs@lists.tapr.org'" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21756-1999.05.20-14.50.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The question was-

"...thought I would ask the group if anyone knows of a good lap top Packet
program that I can get to use with the TH-D7A?"

What is the answer to the question? I would like to know too.

73s
Kent
KQ4KK

-----Original Message-----
From: bounce-htaprs-3650@lists.tapr.org
[mailto:bounce-htaprs-3650@lists.tapr.org]On Behalf Of Robert Winingham
Sent: Thursday, May 20, 1999 2:28 PM
To: TAPR HT APRS Special Interest Group
Cc: htaprs@lists.tapr.org
Subject: [htaprs] Re: Packet
Importance: Low

>Now that I have the Kenwood smokin on APRS I want to get my moble packet
station up and running. Before I start to dink with PC PakRatt for windows

I thought I would ask the group if anyone knows of a good lap top Packet
program that I can get to use with the TH-D7A?
>

That's easy

1.
Mac APRS for the Mac (old versions will run on a 10 year old $50 Mac Plus)
Win APRS or APRSA Plus for WIN computers
Dos APRS for DOS ** supports computers back to the 8008 :-) **

I use all four on My MAC and each have features I need.

The programs are available at www.tapr.org or the links to the latest
versions.

There is a palm top version also available.

The APRS programs have setups for the kenwood - Remember all TNC parameters
but call sign
get reset to default on power up.

2. Then get it working with a regular comm program

3. Then tinker with a general packet program.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: KHUFFORD@EROLS.COM
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] Re: Mag vs. True: Re: TH-D7A Questions - Possible Bugs???

From: Jon Ogden <jono@enteract.com>
Date: Thu, 20 May 99 15:15:56 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21782-1999.05.20-16.34.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> The only bug I've noticed is that the Course is anywhere from 11 to 13
>> degrees too great. Check it out yourself with a GPS that's in a stable
>> Simulation mode.
>
>Sounds like there's a mistaken assumption at some level (D7's FW, APRS SW,
>selected GPS sentence, etc.) about whether True vs. Magnetic headings are
>being represented.
>
>A quick test for this is to try the Simulation mode on the GPS where the
>position is set to a far away place with a significantly different
>magnetic declination. US East coast vs. US West coast, for example should
>have several degrees of difference in the offsets.

Help me understand something here. The TH-D7A doesn't do any course
plotting. Your GPS might, but the TH-D7A just acts as a terminal unit.
Yes, it can show a direction to a given station but that is based on the
coordinates of your station vs. the coordinates of the other station.

If you compare that direction to a compass heading or if your GPS is not
in "true north" mode you will see a difference depending on where you
live (as the second poster stated). Put your GPS in "true North" mode
and you may see a difference. That's what I use always. But this error
is not the fault of the D7. It couldn't be as it just takes and displays
what it gets.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] Re: Packet

From: Jon Ogden <jono@enteract.com>
Date: Thu, 20 May 99 15:12:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21783-1999.05.20-16.34.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>"...thought I would ask the group if anyone knows of a good lap top Packet
>program that I can get to use with the TH-D7A?"
>
>
>What is the answer to the question? I would like to know too.

ANY terminal program can work to test out a TNC. It doesn't need to be
some fancy thing. On the Mac you could use ZTerm or some other one. On
a Wintel machine, you could use the built in Windoze terminal program.
Whatever the case, it doesn't need to be anything fancy.

Think of the TH-D7A as just another TNC.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

142. [htaprs] Packet test procedure

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 20 May 1999 15:43:16 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21785-1999.05.20-16.49.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> From: Bob Bruninga <bruninga@nadn.navy.mil>
> Date: Wed, 19 May 1999 18:13:27 -0400 (EDT)

Bob wrote:

> COnversly, testing packet by "CONECTING" to
> someone is useless. It gives you a GO/NO-GO answer, but NO information on
> "QUALITY"...

Maybe not. Consider this:

a) Send several long packets of a predefined text to a connected station, with PASSALL=ON at the

receiving TNC. Throw in lots of interesting characters like "U" (ASCII 85 = 1010101), "*" (42 = 0101010), etc. If the text is largely nonrepeating it helps you sort out cases in which whole characters get lost.

b) Send them back with PASSALL=OFF at the other receiving TNC (just to get the packets back for analysis in a robust way). Or use "floppy net" to retrieve them. Ignore the number of retries if you like, the information density in that domain is very low as Bob suggests.

c) Do a bitwise XOR on the sent and received characters. This generates a byte stream in which the "0"'s are the correctly received bits and the "1"'s are the erroneous bits. Every completely correct character is converted into an ASCII "0".

d) Analyze the bit error rate to your heart's content. Plot it vs. power level, antenna orientation, whatever. Plot it vs. time and see the result of collisions.

Tony Arnerich KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] TH-D7 Survey is here

From: Walter Dunckel <wdunckel@best.com>
Date: Thu, 20 May 1999 21:53:57 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-21838-1999.05.20-23.48.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All this talk about "bugs" has me interested in how many people are
experiencing problems with the TH-D7. I have set up a form for people
to quickly check answers to a few questions about their D7. I would like
to hear from both those who have had problems and those who have not.

If I get enough response, I will compile all the responses and post
the results. All responses will be completely anonymous.

Kenwood will also be sent results of the compilation of this survey if
there is enough data.

Thanks for your support.

Survey Here: http://www.best.com/~wdunckel/questions.html

Walter

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] Re: TH-D7 Survey is here

From: Jon Ogden <jono@enteract.com>
Date: Fri, 21 May 99 09:45:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21897-1999.05.21-09.49.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>All this talk about "bugs" has me interested in how many people are
>experiencing problems with the TH-D7.

Sounds good! I must say that my quirks have nearly all cleared up since
I stopped running off my unfiltered supply line. Running just off the
battery gives me no problems, no TNC goofiness, etc.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] Garbled text (Packet Test Procedure)

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Fri, 21 May 1999 11:01:06 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21917-1999.05.21-12.07.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My writing got garbled to:

...
"a) Send several long packets of a predefined text to a connected =
station, with PASSALL=3DON at the receiving TNC. Throw in lots of =
interesting characters like "U" (ASCII 85 =3D 1010101), "*" (42 =3D =
0101010), etc. " ...

That's the effect of MicroShaft OutLook ("Look Out!"), sorry for the distortion. The equals signs and "3D"'s are spurious. PASSALL set to "ON" or "OFF", "U" which is ASCII 85 which is binary 1010101, asterisk character which is ASCII 42 which is binary 0101010 are the intended content.

Come to think of it, this mailing list is always filling in garbage characters in everybody else's postings, at least as seen in my emailer and in the digest version. I wonder if there is a plain undistorted text pathway, or has communication technology gotten out of hand lately?

73,
Tony KD7CEJ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] Garble text

From: GPersons <railfan@centurion.flash.net>
Date: Fri, 21 May 1999 16:52:52 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21939-1999.05.21-16.58.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Part of the problem with garble text is HTML coding. If you have it turn on, please turn it off as not email clients will decode the html and it makes the posting VERY hard to read!.

Thanks,

Gary

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] Re: Adaptive Beacon Rate (was Distance Reporting Rate)

From: Greg Kulosa <greg@gnac.com>
Date: Fri, 21 May 1999 16:11:21 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21950-1999.05.21-18.18.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Gentlemen: I've been thinking, off and on, about an adaptive
> beacon rate for about a year now. I've done a little simulation
> and some field testing, although more needs to be done in order
> to get a good, simple, and reliable adaptive beacon algorithm,
> especially one which could fit in a TNC processor. Of course,
> putting something like this in a PC program should not be a
> problem at all, but not everyone wants, or can afford, to drag
> a PC along just to get adaptive beaconing!

Well, it just so happens that I am in the process of building just such a thing. (I finally got my PIC's yesterday from DigiKey).

I am going to build an interface box, which goes between the serial output of my Garmin GPS, and the serial input of my KPC-3+. The KPC-3+ is currently a permanent tracker in my truck, on 144.39Mhz.

The PIC will read the $GPRMC string in from the GPS, and look at the velocity field. It will then have a schedule for how often to re-send the string to the KPC-3+:

Velocity	Beacon time
V < 5 mph	30 minutes
5 < V < 20	5 minutes
V > 20	1 minute

Or something like that. The thresholds and beacon rates could be adjusted, or even be changed to the algorithm that the original post suggests.

The idea is that the PIC controls how often the TNC gets a string to beacon, so it controls the beacon rate, instead of the TNC. I will be able to write code to implement any algorithm that I want, without waiting for Kantronics to provide it.

This will solve the following problems (for me):

- I use my TNC as a RELAY for my TH-D7A, so I don't want to turn it off when I park the truck, yet it will keep beaconing every 1 minute if I don't.

- If I turn off the GPS, then the TNC cannot stay on the map every 30 minutes.

- If the truck gets stolen, and I turned the GPS off, then I have no way to track it (this is not as far-fetched as it seems, the previous owner had it stolen twice, once for 2 years, but got it back both times).

- Beaconing empty $GPRMC strings (when the GPS does not have lock)

- There is no way to say "Beacon now" for testing. Yes, I could hook up a laptop, but I don't always want to do that. (I am going to add a switch to my box, so the PIC can beacon NOW)

I will probably change the beacon rate to every second in the TNC "BLT 1 EVERY 00:00:01 CLEAR" so that the PIC can send a serial string down the wire, and have it beacon out within a second. With the CLEAR setting, it will only beacon that string once.

I may even have the PIC re-format the output string to make it shorter ($GPRMC strings are LONG, and contain information that APRS does not care about). This will make for shorter packets and less bandwidth consumed.

So, this is a possible solution to "adaptive beacon rate". Once I get the circuits built, and work out the serial routines in the PIC, then any algorithm could be used to decide when/what to beacon.

Bye!

--
Greg A. Kulosa | "The avalanche has already started, it is too
Systems Administrator | late for the pebbles to vote." - Ambassador Kosh
GNAC, Inc. |_____
greg@gnac.com 999 Main Street - Redwood City, CA 94063

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] Re: D7 to Garmin Cables for sale

From: "John Hughes" <jwhughes@bellsouth.net>
Date: Fri, 21 May 1999 21:1:32
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21966-1999.05.21-21.06.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I dunno. I'd take a whack at it using the cable supplied with the d7
(minus the garmin end). Even klutz me could "make" a cw cable for my
bencher paddles!

Can't find those connectors though. Also, those wires are pretty thin and
my eyes may not be up to it...heh. So probably worth 25 bucks to avoid the
aggravation.

Maybe Keith can share where to find the connectors for those who want to
whip it up themselves. I'd be inclined to buy one and make one too...lol.

73 de John, ks4xn

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] Garmin Cables (roll your own)

From: John Blowsky <kb2scs@worldnet.att.net>
Date: Sat, 22 May 1999 07:16:11 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22009-1999.05.22-06.19.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All
       Point your browser to the following URL and just
follow the links and get your own Garmin connector.
There is a link for a very detailed and well done jif or jpeg
file that shows exactly how to hook up the connector.

POP is a very interesting way of getting a Garmin connector.
1)You Send them an e-mail stating how many connectors you want.
2)Pledge how much you want to pay.
3)They send you the connectors.
4)You are then bound by honor to make your payment.

I ordered 2 they arrived I then paid for them. Made two
successful cables

http://pfranc.com/

--

Let us hope we never witness the "Silence Of The Hams"
73 DE John KB2SCS
   AmprNet: kb2scs@kb2scs.ampr.org [44.68.8.173]
   Mail To: kb2scs@groucho.kc2ky.ampr.org [44.68.8.4]
   E-Mail: kb2scs@worldnet.att.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] Programing Question

From: spoiler1 <spoiler1@earthlink.net>
Date: Sat, 22 May 1999 08:11:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22057-1999.05.22-08.17.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,
Still in the learning phase with my new THD7A. Have a question maybe
someone can help me with. I have read and read and don't fully
understannd the relationship between A & B bands. I used the programing
cable I made with the software I downloaded from Kenwood. I put 144.390
in what I thought was A band in channel 0 and put several repeater freqs

in channel 1..... But mem channels 0 thru whatever seem to be
accessable from both bands. Also with my memories stored in this config
while xmiting
on the b band when a aprs message comes in the radio stops my
transmission.
Data band is set to A as well. Any help in explaining this to me or how
some of you have set up your radio would be greatly appreciated.

Thanks

73

Gary
KC5UWA
spoiler1@earthlink.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] PG-4W Cable from Kenwood

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Sat, 22 May 1999 22:40:49 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22120-1999.05.22-21.47.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Evening..

Has anyone received the PC data cable for the D7 yet? I ordered mine from
HRO
at the beginning of the week, and was wondering just how far back ordered
these
cables are really back ordered.

Also.. Is it mouser that has the right angle 2.5mm plug for the radio? I've
looked
all around locally trying to find the cable, but no luck so far. I'm hoping
that the
cable from Kenwood is right angle also. I have mounted a cell phone holder
to
the dash of my jeep, and the D7 fits great into the mount with the right
angle cable
going to the Garmin. It makes a handy place to view the D7 , and if I want
to use any
of the radio functions, it's right there so I can keep my eyes on the road
while driving.

Chris

_____

Chris Schwab - N4BSA   ICQ#605460
See Where I am! http://map.aprs.net/n4bsa-7
Home APRS Station - 27.53.01N - 82.47.50W
Assistant Scoutmaster, Troop 488 Largo FL
Trustee, N4BSA/R 147.315+ St. Pete Florida

_____
[Attachment: winmail.dat; application/ms-tnef; 2,168 bytes]

152. [htaprs] RE: PG-4W Cable from Kenwood

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Sat, 22 May 1999 22:50:18 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22122-1999.05.22-21.56.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My order is dated around April first. Still has not arrived.

> -----Original Message-----
> From: bounce-htaprs-3730@lists.tapr.org
> [mailto:bounce-htaprs-3730@lists.tapr.org]
> Sent: Saturday, May 22, 1999 10:41 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] PG-4W Cable from Kenwood
>
> Good Evening..

>
> Has anyone received the PC data cable for the D7 yet? I ordered mine from
> HRO
> at the beginning of the week, and was wondering just how far back ordered
> these
> cables are really back ordered.
>
[Attachment: winmail.dat; application/ms-tnef; 1,984 bytes]

153. [htaprs] Re: PG-4W Cable from Kenwood

From: tgriff@ix.netcom.com (Tom Griffin)
Date: Sun, 23 May 1999 03:01:57 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22156-1999.05.23-02.07.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 22 May 1999 22:40:49 -0400, you wrote about [htaprs] PG-4W
Cable from Kenwood:

>Has anyone received the PC data cable for the D7 yet? I ordered mine from
>HRO
>at the beginning of the week, and was wondering just how far back ordered
>these
>cables are really back ordered.

Ordered mine from HRO in Atlanta 3/22 and it still hasn't arrived. I
was told a couple of weeks ago that there were 97 on back order.
>
>Also.. Is it mouser that has the right angle 2.5mm plug for the radio?

http:www.mouser.com part #172-2010
--
Tom K4IIJ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] Re: PG-4W Cable from Kenwood

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sun, 23 May 1999 02:05:11 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22157-1999.05.23-02.10.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I've looked
>all around locally trying to find the cable, but no luck so far.

A cheep cell phone mic/headset for $15 has the correct plug and
cable. The same headset unit comes with most voice/fax modems.

$5 at sidewalk electronic flee marts.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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155. [htaprs] Re: TH-D7 Survey is here [htaprs digest: May 21, 1999]

From: Pat Kilroy <pat.kilroy@gsfc.nasa.gov>
Date: Sun, 23 May 1999 10:30:59 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22192-1999.05.23-09.41.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:00 AM 5/22/1999 -0500, TAPR HT APRS Special Interest Group digest wrote:

>Subject: Re: TH-D7 Survey is here
>From: Jon Ogden <jono@enteract.com>
>Date: Fri, 21 May 99 09:45:46 -0500

>>All this talk about "bugs" has me interested in how many people are

>>experiencing problems with the TH-D7.
>
>Sounds good! I must say that my quirks have nearly all cleared up since
>I stopped running off my unfiltered supply line. Running just off the
>battery gives me no problems, no TNC goofiness, etc.

The only "bug" I've noticed to date from my one-month old D7
is its APRS beaconing before my position is obtained from the
GPS receiver.

It sends an initial posit of Zero degrees N, Zero degrees W.

For WinAPRS users, when displaying a station's track, the
track graphic includes an annoying line to 0,0 that was not
part of his route.

My testing and evaluation continues. So far the D7 looks
very promising for my SimSat program.

73 de Pat WD8LAQ

==
Patrick L. Kilroy   HM
SSPP Hitchhiker I&T Manager   Phone: 301-286-1984
NASA/Goddard Space Flight Center   Fax: 301-286-1673
Building 5, Mail Code 568   E-mail: pat.kilroy@gsfc.nasa.gov
Greenbelt, Maryland 20771   Web: http://sspp.gsfc.nasa.gov
==

 Visit SimSat website at http://garc.gsfc.nasa.gov/~simsat

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] aprs lawnmower

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>

Date: Sun, 23 May 1999 18:49:01 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22266-1999.05.23-20.54.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

heck wes,

 thats nothing, ihad mine on running aprs on top of the las vegas
stratosphere tower while going up and down the ride on top of the tower.

then at least two   plastic   "portable ham shacks" at construction
sites

                and every week day on the city bus, and bicycle etc etc
etc.
 guy here in town was the first on a horse, a dog, now he is looking for a
cow....

73

kd8s@skylink.net   WWW.LVRAC.ORG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

157. [htaprs] Re: Programing Question

From: Jon Ogden <jono@enteract.com>

Date: Sun, 23 May 1999 22:18:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22277-1999.05.23-22.21.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Still in the learning phase with my new THD7A. Have a question maybe
>someone can help me with. I have read and read and don't fully
>understannd the relationship between A & B bands. I used the programing
>cable I made with the software I downloaded from Kenwood. I put 144.390
>in what I thought was A band in channel 0 and put several repeater freqs

>in channel 1..... But mem channels 0 thru whatever seem to be
>accessable from both bands. Also with my memories stored in this config
>while xmiting
>on the b band when a aprs message comes in the radio stops my
>transmission.
>Data band is set to A as well. Any help in explaining this to me or how
>some of you have set up your radio would be greatly appreciated.

Hi Gary,

I am a new TH-D7A owner as well, but here's what I can tell you about A &
B bands:

1.) A Band: The A-band is the primary VHF band and will cover from 118 to
174 MHz. It will not do UHF

2.) B Band: The B-band is the primary UHF band but will also cover the
ham 2 meter band

3.) Either band can be designated as the data band

4.) It is possible to run both a band and b band on VHF.

5.) Memories are shared between the 2 bands. But if you have a UHF
frequency programmed into a channel and you try to access it from band A,
you can't. Same thing goes for like trying to access a weather channel
frequency (162 MHz) on band B.

6.) If you are listening to a channel and it is time to transmit on APRS,
the radio will transmit and interupt your reception unless you have the
DCD setting set up to listen for traffic on both bands. This does work
great when you are talking on one band and APRS is on another. But it
will keep you from transmitting if someone is jaw-jacking on your local
repeater for an hour.

7.) I am not sure what happens if you are transmitting on one band and
APRS needs to transmit on the other. I would think that it will hold off
and wait for you to stop transmitting.

Because I have a 440 Mobile and because I run the HT through a Radio
Shack amp, I use it only for VHF when in the car. I have APRS set up on
band B and have band B designated as the data band. The reason to use
Band B is that I like to be able to get WX band reception and aircraft
reception and I need to use Band A to do that. The second reason is that
I will not accidentally tune to a UHF frequency and transmit into the RS
amplifier.

I hope this helps.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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158. [htaprs] Re: TH-D7 Survey is here [htaprs digest: May 21, 1999]

From: Jon Ogden <jono@enteract.com>
Date: Sun, 23 May 1999 22:18:36 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22278-1999.05.23-22.21.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The only "bug" I've noticed to date from my one-month old D7
>is its APRS beaconing before my position is obtained from the
>GPS receiver.

Not a bug. What is sends is the data that you have entered into the
postion section in APRS. Enter your home position or whatever there.
When receiving GPS data and you press the position button it shows your
current position. You can press the up arrow key I think and it gives
you "Copy to menu?" This will put your position info into the APRS
position menu so you don't have to enter it manually. If you don't put a
position there it will transmit 0, 0. But 0, 0 is ignored anyhow by all
the software versions.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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159. [htaprs] Garmin and D& connectors

From: jlagreek <jlagreek@inlink.com>
Date: Sun, 23 May 1999 22:59:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22290-1999.05.23-23.05.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Garmin connectors can be found at www.pfranc.com

 Mouser is a good source for cables. They have a good quality cable with a
2.5mm right angle molded cable. www.mouser.com . For a list of Mouser part
numbers see: www.cedar.net/users/dvanhorn/Cables.html

The Garmin connector is about $5 or so, the 2.5mm cable is $4. Check
www.anet-stl.com/~mcmusick (pocketAPRS site) for a wiring diagram.

73 de N0OTM

Joe LaGreek

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160. [htaprs] Kenwood VC-H1

From: "Gary S. Bargholz" <N9UUR@execpc.com>
Date: Sun, 23 May 1999 23:20:19 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: rengel@execpc.com
Message-ID: <LYR845-22293-1999.05.23-23.25.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello group....

I don't know of a VC list... so I thought I'd ask around here
as I know the fine Kenwood folk are listening.

We have been playing with our D7's and VC's here in Milwaukee.
Last Saturday we took part in an Emergency Government Drill
and exercise (we crashed a C-130 and a 747 at the airport...).
HUNDREDS of people took part in the all day drill.

Amateur Radio did Voice, APRS tracking, Packet messaging,
and SSTV pictures of the two "Crash Sites" back to the Emergency
Government Command Post. We sent pictures back and displayed
and printed color copies for various agencies.

OK, here is the problem... Really, everything works PERFECT,
except the fact that we can send a picture via RF between a D7 in
the field and command using the "Fast FM" mode in about 10 seconds.
Which is great! However it takes 2 minutes to download the picture from
the VC-H1 to the computer via a hard wire cable.... This causes a BIG
bottleneck. I had 4 VC's in the field all wanting to send me pictures, and
I spent most of the time watching the "Downloading" bar on my screen...

How can it be that via RF the pic takes seconds... and with a direct
connection cable it takes minutes??????
The download speed needs some looking into please Kenwood :)

Also, it would be nice to "Print" directly from the program. I had
to save each pic and then bring it up in another piece of software
to be able to print it out.

The exercise was a great success, all of the Government types were
VERY impressed..... And wanted to know "Where does this gear
come from..."   Expect a call from the U.S. Navy.... and the
Department of Justice, U.S. Marshall Service.

73 gb

_____

Gary Bargholz
http://www.execpc.com/~n9uur
AMSAT Area 9 Coordinator, Wisconsin
Chairman: W.A.R. The WI Association of Repeaters
Treasurer: M.R.C. The Milwaukee Repeater Club
Owner: N9UUR-10 Milwaukee APRServe IGate
_____

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161. [htaprs] Re: Posit Interval on TH-D7A

From: KD4SPW@aol.com
Date: Mon, 24 May 1999 00:50:12 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22295-1999.05.23-23.56.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jon, from Pete, KD4SPW, in Ft. Pierce, FL. I have noticed how
susceptible the D7A is to intermod and maybe RF interference, when connected
to an external antenna. Recently, when I was GPS tracking through an area of
both bad intermod and interference, my D7A wouldn't transmit position
packets. It was set to either 1 or 2 minutes. It seems it will not transmit
when receiving any signal, whether intermod or rf interference, regardless of
squelch setting.
       There was one time when it would not transmit although all seemed OK.
I tried opening and closing tnc, power on, power off, changing tnc and GPS
parameters. It finally would send beacon, but I never figured out what fixed
it.

                                          Good luck, from Pete, KD4SPW.

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162. [htaprs] kenwood mobile ?? Aprs

From: zr5dwc@iafrica.com
Date: Mon, 24 May 99 08:16:51 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22313-1999.05.24-03.22.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Any one know if Kenwood will bring out a mobile ver of the
TH-D7 ? Would in not be grate to have a rig with a built in
GPS with onboard maps (like the GPSIII) and a full blown
rs232 port with TNC. It would be fantasic. The ultimate
APRS mobile .

Make you think .

73'

ZR5DWC

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

163. [htaprs] Re: Kenwood VC-H1

From: Jon Ogden <jono@enteract.com>
Date: Mon, 24 May 1999 07:23:40 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <rengel@execpc.com>
Message-ID: <LYR845-22325-1999.05.24-07.24.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>OK, here is the problem... Really, everything works PERFECT,
>except the fact that we can send a picture via RF between a D7 in
>the field and command using the "Fast FM" mode in about 10 seconds.
>Which is great! However it takes 2 minutes to download the picture from
>the VC-H1 to the computer via a hard wire cable.... This causes a BIG
>bottleneck. I had 4 VC's in the field all wanting to send me pictures, and
>I spent most of the time watching the "Downloading" bar on my screen...

Hi Gary,

Well, I don't know the answer to your problem, but I can tell you this
that a different solution will soon be available. Software is being
worked on that will allow you to transmit your pictures directly to a
computer server. Then from the computer server, one will be able to
either download it via radio or via the internet.

Mark Sproul showed me this at Dayton.

Pretty slick, huh?

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

164. [htaprs] Re: Posit Interval on TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Mon, 24 May 1999 07:20:50 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22324-1999.05.24-07.24.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   Hi Jon, from Pete, KD4SPW, in Ft. Pierce, FL. I have noticed how
>susceptible the D7A is to intermod and maybe RF interference, when connected
>to an external antenna. Recently, when I was GPS tracking through an area of
>both bad intermod and interference, my D7A wouldn't transmit position
>packets. It was set to either 1 or 2 minutes. It seems it will not transmit
>when receiving any signal, whether intermod or rf interference, regardless
>of
>squelch setting.

Not noticed this. I live in the Chicago area and downtown Chicago is
HORRIBLE for intermod. Never had a problem yet with my TH-D7A. Try
turning on the VHF-AIP function see if that helps. Also, as I have

learned, use the Kenwood filtered DC cord. If you don't have that (I
don't) run on batteries. Running a normal cigarette lighter cord will
cause doo-doo.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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165. [htaprs] Re: TH-D7 Survey is here [htaprs digest: May 21, 1999]

From: Jon Ogden <jono@enteract.com>
Date: Mon, 24 May 99 09:17:17 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22357-1999.05.24-09.23.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Stand by, Jon, I will check it out. Thank you for your message.
>(Added note: I am running WinAPRS 2.2.7 and it seems NOT to
>ignore 0,0.) Will get back to you again soon.

OK, interesting. I know I heard WB4APR say that 0,0 is considered and
invalid posit. Perhaps the Dos version ignores it and Win/Mac APRS does
not. I know that if someone with a 0,0 posit shows up on the TH-D7A it
list it as zero miles away. Oh well.

But your point is well taken. If the GPS menu is set to "NMEA", the TNC
should NOT transmit until proper GPS data is obatined. It should only
transmit upon turn on if the GPS menu is set to "NOT USED."

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

166. [htaprs] Tic.. Tic.. Tic..

From: oester@us.ibm.com
Date: Mon, 24 May 1999 11:05:23 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22382-1999.05.24-11.12.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ever notice that if the D7 is in battery save mode, it outputs a "tic" at
intervals equal to the battery save interval? Not bad if you are on
speaker, but when it's in an earphone, it's darned annoying!

Bob Oesterlin, N0EST

Distributed Computing Architecture
IBM Rochester MN   oester@us.ibm.com
(507) 253-4528 / TL 553-4528
Track my car! - http://map.aprs.net/n0est-9

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167. [htaprs] Re: Tic.. Tic.. Tic..

From: Jon Ogden <jono@enteract.com>
Date: Mon, 24 May 99 11:21:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22396-1999.05.24-12.23.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Ever notice that if the D7 is in battery save mode, it outputs a "tic" at
>intervals equal to the battery save interval? Not bad if you are on
>speaker, but when it's in an earphone, it's darned annoying!

No. Never heard it.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

168. [htaprs] Re: Programing Question

From: Jon Ogden <jono@enteract.com>
Date: Mon, 24 May 99 17:06:28 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22444-1999.05.24-17.14.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Ya it works pretty well and it sure beats inputting the regular way espcially
>alpha tags.
>And you can safe several files on the computer so you can change the settings
>depending on your mood or the situation.
>

One thing I found out today is this quirk:

If you are in B band (UHF and 2 meters) and are on a 2 meter memory, the
TH-D7A will not allow you to dial to a UHF memory. It will skip that
memory channel(s) and go to the next VHF (2m) channel. The only way to
get the UHF memories is to either go back into VFO mode and enter a UHF
frequency or manuall enter in the UHF memory channel you want (done by
hitting "enter" while in memory mode). And when in UHF memories, you
won't be able to tune to VHF memories either. Found that a little odd
and awkward.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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169. [htaprs] Kenwood TH-D7A

From: "Clayton Watson" <kb0wzi@rmi.net>
Date: Mon, 24 May 1999 16:53:04 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22454-1999.05.24-17.57.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to this sig i'm now out of $500 for the new radio plus acces. I took everyones advice and glad i did too.

One question for the sig is when the D7 transmitts to location every some many minutes it sends some weird stuff (i.e. KB0WZI-1>P0(zero)PP0(zero),WA0BAG-5*,WIDE:' vXX-1->/>Status Text

This is what one of the guys in the area was saying and noticed on the home station also and didn't know if i have something set wrong or if this is the way it sends the data. The stuff after wide and the PP0PP0 is what is confusing.

I trusted everyone once to buy the radio and now i'll trust everyone in knowing this answer. :-)

73's all
KB0WZI
Clayton Watson

170. [htaprs] Re: Kenwood VC-H1

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Mon, 24 May 1999 18:54:00 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-22455-1999.05.24-18.01.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>OK, here is the problem... Really, everything works PERFECT,
>>except the fact that we can send a picture via RF between a D7 in
>>the field and command using the "Fast FM" mode in about 10 seconds.
>>Which is great! However it takes 2 minutes to download the picture from
>>the VC-H1 to the computer via a hard wire cable.... This causes a BIG
>>bottleneck. I had 4 VC's in the field all wanting to send me pictures, and
>>I spent most of the time watching the "Downloading" bar on my screen...
>
>Hi Gary,
>
>Well, I don't know the answer to your problem, but I can tell you this
>that a different solution will soon be available. Software is being
>worked on that will allow you to transmit your pictures directly to a
>computer server. Then from the computer server, one will be able to
>either download it via radio or via the internet.
>
>Mark Sproul showed me this at Dayton.
>
>Pretty slick, huh?
>
>73,
>
>Jon
>KE9NA

Jon.. Actually, it was KEITH that showed this to you, but most people can't tell us apart anyway.....

I am working on software called APRN(tm) (Automatic Picture Relay Network) This is an expansion of Bob Bruninga's idea from last fall about a SSTV 'server'. Bob and I have been working on this idea, and I have been programming it, along with Doug, KA2UPW..

The software is called APRN Server. The system consists of the following:

A computer running Windows 98 and a sound blaster card

A radio (440 recommended, but this is a local decision)

APRN Server software.

The software listens on the frequency for an SSTV picture and if/when it sees one, saves it to disk as both an AUDIO file and a JPEG or GIF file. When it has finished saving a picture, it responds back VIA VOICE

"PICTURE SAVED AS 145"

Then, using TOUCH TONES, you can recall these pictures via RF.

Now, you can tell your buddy or the EOC "GO LOOK AT PICTURE 145" They can recall it at THEIR convienence...

To RECALL a picture, you type (via touch tones) R145 (R is the 7 key)

In addition to all of this, the pictures will get saved out to a web page, so using the Personal Web Sharing ferature of Win98, you can see the pictures in REAL TIME using NETSCAPE..

The neat thing about this is the people back at the EOC (the guys in charge that may or may not know how to operate the fancy communications equipment) can now see the pictures using the software they DO know how to use.. A simple web browser..

The test server of this software is at:

http://aprn.rutgers.edu/

Currently, this just a a simple web page, but the real time SSTV reception will follow soon. The hard line for this server is run, the computer is installed, and the antenna should be installed this week.

This software will be available to the public by the the ARRL DCC (Digital Communications Conference) which is in late September in Phoneix AZ.

TAPR will be setting up a discussion group about APRN if we feel it is needed.

(Just what everybody needs, another mailing list)

If people are interested in more discussion about this, let me know and I will get the mailing list done sooner than I had expected...

Keith Sproul 732 445-3695 Office
Student Housing Network Coordinator 732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu 732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/ WU2Z

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

171. [htaprs] Re: Kenwood VC-H1

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 24 May 1999 19:23:38 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22461-1999.05.24-18.29.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 5/24/99 6:54 PM, Keith Sproul (ksproul@vger.rutgers.edu) passed this wisdom:

>The software is called APRN Server. The system consists of the following:
>
> A computer running Windows 98 and a sound blaster card

>
>   A radio (440 recommended, but this is a local decision)
>
>   APRN Server software.

 will there be a MacOS port of this software?

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "It would take an archimedean fulcrum to raise you to the level of
  total depravity" --Thomas E. Carney, ca. 1920

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] Re: Kenwood TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Mon, 24 May 1999 19:33:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22475-1999.05.24-19.33.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>One question for the sig is when the D7 transmitts to location every some
>many minutes it sends some weird stuff (i.e.
>KB0WZI-1>P0(zero)PP0(zero),WA0BAG-5*,WIDE:' vXX-1->/>Status Text

This is what is called the "mic-encoder" format. The software takes the
NMEA string and encodes it according to some algorithm Bob Bruninga came
up with I believe. The end result is a much, much shorter data string
than the full NMEA line. That's why you show up with a secondary icon of
a mic-e.

That's how it does it!

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

173. [htaprs] Re: Kenwood VC-H1

From: Jon Ogden <jono@enteract.com>
Date: Mon, 24 May 1999 19:39:41 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22477-1999.05.24-19.39.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>The software is called   APRN Server. The system consists of the following:
>>
>>   A computer running Windows 98 and a sound blaster card
>>
>>   A radio (440 recommended, but this is a local decision)
>>
>>   APRN Server software.
>
> will there be a MacOS port of this software?

No need for it. As Keith told me, "Why would you want to take a glorious
machine like a Mac, stick it in a closet and have it just receive
pictures?" Fact is he's right. You can buy a piece o' crap PC (probably

just a 486) for next to nothing, stick a sound-blaster card in it and put
it in a closet somewhere where no one will see it.

>From the Web you'll be able to access the pictures from any machine you
so desire.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

174. [htaprs] PG-4W Cable and CDRom

From: Dave Hungerford <dave@hungerford.cc>
Date: Mon, 24 May 1999 21:10:30 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22485-1999.05.24-20.17.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,
I bought the TH-D7A at Dayton and been having a great time with it. I have
not seen any comments on the CDrom documentation that comes with the PG-4W
cable when ordered together. If the CDrom has new information, I will buy
it, but if I have the info anyway I will just get or make the cable. What
is in the CDrom?

                                Dave Hungerford   N1OLX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

175. [htaprs] Source for TH-D7A Data/GPS cable

From: aparise@fast.net
Date: Mon, 24 May 1999 23:20:16 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22494-1999.05.24-22.26.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

While looking for something else at my local Radio Shack, I found
something that could be used as a data cable for the 'D7A. Among
the cellular phone accessories, they sell a 6 foot coiled extension
cord, with a 2.5 mm right-angle 3 conductor gold plated phone plug
on one end, and a corresponding in-line jack on the other. The
price is $5.99, not too bad, all features considered.

The jack could be cut off (and possibly re-used) and a data/GPS
connector installed in it's place. I haven't actually tried it yet, so I
can't attest to the solderability of the wires in the cable.

Actually, I just bought several Mouser cables, made up a Garmin
GPS cable, and don't really need a new one. But the coiled cord
addresses a problem I have been having: the straight Mouser cable
tends to hang down between the GPS and D7A, and I fear one day
it might snag on something and send the GPS and D7A flying.
The coiled cable would neatly remedy that.
Anthony Parise
WA3HRL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

176. [htaprs] Re: Source for TH-D7A Data/GPS cable

From: Jon Ogden <jono@enteract.com>
Date: Mon, 24 May 1999 23:29:07 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22503-1999.05.24-23.28.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>While looking for something else at my local Radio Shack, I found
>something that could be used as a data cable for the 'D7A. Among
>the cellular phone accessories, they sell a 6 foot coiled extension
>cord, with a 2.5 mm right-angle 3 conductor gold plated phone plug
>on one end, and a corresponding in-line jack on the other. The
>price is $5.99, not too bad, all features considered.

A Radio Shack part number perhaps?

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

177. [htaprs] TH-D7A Lockups

From: BA Merrill <bmerrill@linkline.com>
Date: Tue, 25 May 1999 00:10:05 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22522-1999.05.25-02.19.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My unit is a ser# 008. . . unit and I've experienced lockups under the
following two conditions:
1) low battery
2) attempted to use Radio Shack universal ear bud/mic (works fine with
my Yaseu FT-411E)
Both circumstances required removal of battery and replacement did not
alleviate problem. Had to fiddle with radio to get it to stop infernal
beeping.
So far, it works fine with my IBM Thinkpad laptop with APRS program and
packet utilizing the AC/DC adaptor. Haven't utilized Cig Lighter
Accessory yet enough to judge.
Are these problems similar/related to those experienced by others with
lock ups or do I have a new bug? If I send it in will the upgrade fix
it?
Thanks! and 73 to all -- anxious to get started utilizing the radio and
APRS to fullest -- could lead to new job!
BettyAnn, KC6ING

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

178. [htaprs] Re: Tic.. Tic.. Tic..

From: David Nesting <david@fastolfe.net>
Date: Tue, 25 May 1999 10:10:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-22560-1999.05.25-10.16.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yep. I noticed that the day I bought it. I could hear it WHILE DRIVING
if that's any indication of how loud it is. Heh.

Dave

On Mon, May 24, 1999 at 11:05:23AM -0500, oester@us.ibm.com wrote:
>
> Ever notice that if the D7 is in battery save mode, it outputs a "tic" at
> intervals equal to the battery save interval? Not bad if you are on
> speaker, but when it's in an earphone, it's darned annoying!

--
 == David Nesting WL7RO Fastolfe david@fastolfe.net http://fastolfe.net/ ==

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179. [htaprs] Re: aprs lawnmower

From: Arte Booten <n2zrc@webspan.net>
Date: Tue, 25 May 1999 12:11:49 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22569-1999.05.25-11.34.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Steve S. wrote:

>... guy here in town was the first on a horse, a dog, now he is looking
>for a cow....

     Been there, done that. Remember "Cows In Space"?! Cows have al-
ready been equipped with APRS trackers.   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
      "The alien ship is moving toward the jumpgate." "How fast?"
      "Fast." "Be faster!"   - Delenn and Lennnier, Babylon 5

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180. [htaprs] Re: Source for TH-D7A Data/GPS cable

From: aparise@fast.net
Date: Tue, 25 May 1999 23:56:40 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22681-1999.05.25-23.02.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Subject: Re: Source for TH-D7A Data/GPS cable
> From: Jon Ogden <jono@enteract.com>
> Date: Mon, 24 May 1999 23:29:07 -0500
> X-Message-Number: 15
>
> >While looking for something else at my local Radio Shack, I found
> >something that could be used as a data cable for the 'D7A. Among
> >the cellular phone accessories, they sell a 6 foot coiled extension cord,
> >with a 2.5 mm right-angle 3 conductor gold plated phone plug on one end,
> >and a corresponding in-line jack on the other. The price is $5.99, not
> >too bad, all features considered.
>
> A Radio Shack part number perhaps?
>
> 73,
>
> Jon
> KE9NA
>

OK, I went back and bought one, and made up a cable.

RS part no: 43-2003
Sold as "Hands-Free Headset Extension Cable"
Look in the sections with cell phones and accessories.

I cut off the in-line socket, and soldered a Garmin connector to it.
It uses stranded "litz" wire, so is a little difficult to solder to, but

easier than other litz wires I have used.

Now the cable betweeen my GPS and D7A droops no more than a
foot when I carry them side-to-side yet I can separate them by as
much as six feet.

I made an adapter using the socket I removed above and a DB 9
connector. By using this on the end of the cable it becomes a
GPS to PC cable. Total cost for everything : $13.77, and I have the
functionality of two cables. Not bad.

Anthony Parise
WA3HRL
aparise@fast.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

181. [htaprs] Re: Packet

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Wed, 26 May 1999 03:37:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22713-1999.05.26-03.43.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:12 PM 5/20/99 -0500, Jon Ogden wrote:

>ANY terminal program can work to test out a TNC. It doesn't need to be
>some fancy thing. On the Mac you could use ZTerm or some other one. On
>a Wintel machine, you could use the built in Windoze terminal program.
>Whatever the case, it doesn't need to be anything fancy.
>

The standard "Hyperterminal" included with Windows is anything but a good
terminal program. I've found that many times it will not send characters
to the TH-D7A. I've seen this before with other hardware and Hyperterm, so
it wasn't much of a mystery to me. Switching to the full version of
Hyperterm or Telix for Windows resolves the issue. Granted, I've only
tested the HT on my Solo 2300 Laptop and it may be a hardware/software
thing specific to the Gateway. But it's been my observation that the
standard version of Hyperterm bundled with Windows may not send data at
exactly the correct baud rate, which tends to confuse some hardware.

If you wire up your TH-D7 and fire up hyperterm, don't be surprised if you
can't send any commands to it. First, check your wiring. And second, try
a different term program.

73,

Mark
KC7BXS

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182. [htaprs] PocketAPRS Web Page?

From: KB8QIR@aol.com
Date: Wed, 26 May 1999 10:24:15 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22736-1999.05.26-09.30.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oppps! I lost the address to the PocketAPRS web page and can't seem to find
it.

So please help this little bo peep find her sheep, well at least this web
page???

73's Jake

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

183. [htaprs] Re: PocketAPRS Web Page?

From: Walter Dunckel <wdunckel@best.com>
Date: Wed, 26 May 1999 10:01:44 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-22755-1999.05.26-12.14.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here you go:
http://webusers.anet-stl.com/~mcmusick/

Walter
http://www.radiohound.com

KB8QIR@aol.com wrote:
>
> Oppps! I lost the address to the PocketAPRS web page and can't seem to find it.
[Attachment: wdunckel.vcf; text/x-vcard; 123 bytes]

184. [htaprs] Garmin Connectors

From: Bill_Sturgis@dot.ca.gov
Date: Wed, 26 May 1999 09:48:06 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22763-1999.05.26-13.09.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know of a source for the Garmin Connectors (II,II+,III). I hate
bying one of Garmins overpriced cables just to get the connector.

Thanks, Bill KG6WY

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

185. [htaprs] Re: Garmin Connectors

From: Karl Salisbury <cruz@magicnet.net>
Date: Wed, 26 May 1999 14:19:50 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-22765-1999.05.26-13.28.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check the Pfranc project

http://www.pfranc.com/projects/g45contr/g45_idx.htm

Karl
KG4BNA

On Wed, 26 May 1999 Bill_Sturgis@dot.ca.gov wrote:

> Date: Wed, 26 May 1999 09:48:06 -0700
> From: Bill_Sturgis@dot.ca.gov
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Subject: [htaprs] Garmin Connectors
>
>
>
> Does anyone know of a source for the Garmin Connectors (II,II+,III). I hate
> bying one of Garmins overpriced cables just to get the connector.
>
> Thanks, Bill KG6WY
>
>
>
> ---
> You are currently subscribed to htaprs as: cruz@magicnet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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186. [htaprs] D-7 REMOTE PROB FOR TM-V7

From: "Peter Black" <zr5dwc@iafrica.com>
Date: Wed, 26 May 1999 21:46:13 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22774-1999.05.26-14.52.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

I know this is manly a APRS group but I wonder if any D7 user, uses his radio to remotely control their mobile radios like the TM-v7A .

I have the problem that the D7 sends out an extra 2 digits at the end of the control string which confuses the mobile.

My D7A is really a 7E which was moded so I do not know if this is the root of the evil. Has any one had a problem with this function. Please let me know as I am the only person in South Africa who has a D7 at the moment.

Thanks for your time .

73
Peter
ZR5DWC

187. [htaprs] Mir

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Wed, 26 May 1999 19:23:13 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22811-1999.05.26-19.28.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We just had a fairly good pass of Mir over Sioux Falls. 46 Degrees.

I opened the squelch on my TH-D7 in APRS mode and walked out into the backyard. Using a 19 inch rubberduck I was able to copy packets - ROMIR and a VE3 callsign. Unfortunately both gave a "??" and not posit information or status text. Neither shows up when I press the list button. BUT at least I was able to see something. :)

Is there anything cool I can do to copy packets from MIR without using a computer? We have another pass around midnight. Perhaps I'll drag the laptop out into the back yard.

73,

Mark
KC7BXS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

188. [htaprs] Re: Garmin Connectors

From: "michael morgan" <michael.morgan@nashville.com>
Date: Thu, 27 May 1999 05:53:11 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22886-1999.05.27-06.27.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try http://www.gpscables.com/ other than the connectors and accessories, he will make the cable for you.

Good luck, Michael, KA4MDD

189. [htaprs] Re: Mir

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 27 May 1999 09:39:21 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-22907-1999.05.27-08.45.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 26 May 1999, Mark Fellhauer wrote:

> I opened the squelch on my TH-D7 in APRS mode and walked out into the
> backyard. Using a 19 inch rubberduck I was able to copy packets - ROMIR
> and a VE3 callsign. Unfortunately both gave a "??" and not posit
> information or status text.
>

> Is there anything cool I can do to copy packets from MIR without using a
> computer?

In my humble opinion, you can send and receive APRS packets betwen THD7's
at any time you want (within reason). Here is the rationale:

   0) Last time I checked, the MIR BEACON was in APRS format. You
      should be able to capture it.

   1) APRS packets via MIR are authorized at any time between or from/
      or TO schools or youth, or demos or ...

   2) The 5 watt ERP from a THD7 will digipeat via MIR at any time as
      long as you do not collide with anyone else. Thus, if you get
      through, then you did NOT interferre with anyone else

   3) If your 5 watt ERP does collide with anyone else, then the ratio
      between your 5 watts and a rubber duck is far more than 10 dB
      down from a 50W station and a gain antenna. THus, with FM capture
      effect, he will always get in, and you will never interfere with
      him.

When I first got my THD7, we demonstrated several times, that you could
communicate via MIR using just the radio and built-in rubber duck. But It
is probably 6 dB better to use a full size whip since the HT dual band
antenna is not well tuned for 2 meters.

All you have to do is setyour UNPROTO PATH to VIA R0MIR
and tune to 145.985. See ya!

P.S. Do not expect an ACK from any message to anyone else. But as soon
as you see the THD7 flash "MY PACKET", then you know that it was
digipeated, so half of the USA will have seen it too. At that point,
erase that message to avoid further QRM. You can check our LIVE MIR WEB
page to see if we captured you. (we only capture packets over the East
Coast).

   http://web.usna.navy.mil/~bruninga/mirex.html

 bob, WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

190. [htaprs] Re: Garmin Connectors

From: "Joe LaGreek" <jlagreek@inlink.com>
Date: Thu, 27 May 1999 17:47:23
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23010-1999.05.27-17.53.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One more time:

See www.anet-stl.com/~mcmusick This is the pocket aprs page. it has a
drawing and a source for making a garmin to d7 cable.

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191. [htaprs] Re: PocketAPRS Web Page?

From: "Joe LaGreek" <jlagreek@inlink.com>
Date: Thu, 27 May 1999 17:49:40
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23011-1999.05.27-17.55.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

www.anet-stl.com/~mcmusick

pocketAPRS page.

73 de N0OTM

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192. [htaprs] TH-D7 APRS LOCKUP

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Thu, 27 May 1999 16:11:41 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23014-1999.05.27-18.17.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My rig has been working great since the firmware upgrade but the problem
with the tnc opening is a real pain. I have tried various sources of power,
gps, no gps, packet no packet, etc.

what happens is , turn on the rig, push the button to open tnc for aprs, it
either sticks on opening tnc, or sticks on opening tnc and goes to xmit mode
and stays in xmit.

i really have to watch it because of the xmit stick problem.

its to a point where it takes four or more resets to get the aprs tnc to
open.

it goes into the packet mode fine.

whats the status on a fix for "opening tnc" anyone got the scoop?

73
kd8s@skylink.net   WWW.LVRAC.ORG

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193. [htaprs] Test Freq for APRS?

From: "Keith Schlottman" <schlottk@mmsi.com>
Date: Fri, 28 May 1999 07:39:42 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23093-1999.05.28-09.45.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a common testing frequency for APRS? I've been testing various
things with my new TH-D7 and it occurs to me that this might be tying up the
network on 144.390 MHz. Perhaps it would be better to set my base and the
HT to some other frequency to run these tests. I realize that many other
freq's are available, however I wonder if there has been a concensus on an
alternate 2 meter APRS frequency for testing or other purposes. Or maybe
some localities have adopted an alternate frequency for local stuff to avoid
the overload from igates, etc.?

I know I'm not the only one running tests because I occasionally see other
"TESTING" messages. Obviously some tests require the digipeaters and thus
need to be on 144.390, but some don't.

Keith D. Schlottman, CPA, KR7RK
Modular Mining Systems, Inc.
e-mail: <schlottk@mmsi.com>
corporate web site: <http://www.mmsi.com>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

194. [htaprs] Re: Test Freq for APRS?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 28 May 1999 12:42:09 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23130-1999.05.28-11.49.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In one sense, 99% of all APRS activity is a test.... just waiting for a
special event or emergency response, or special need where real-time
tactical digital communications and tracking is needed... Just a thought.

de Bob

On Fri, 28 May 1999, Keith Schlottman wrote:

> Is there a common testing frequency for APRS? I've been testing various
> things with my new TH-D7 and it occurs to me that this might be tying up the
> network on 144.390 MHz. Perhaps it would be better to set my base and the
> HT to some other frequency to run these tests. I realize that many other
> freq's are available, however I wonder if there has been a concensus on an
> alternate 2 meter APRS frequency for testing or other purposes. Or maybe
> some localities have adopted an alternate frequency for local stuff to avoid
> the overload from igates, etc.?
>
> I know I'm not the only one running tests because I occasionally see other
> "TESTING" messages. Obviously some tests require the digipeaters and thus
> need to be on 144.390, but some don't.
>
> --
> Keith D. Schlottman, CPA, KR7RK
> Modular Mining Systems, Inc.
> e-mail: <schlottk@mmsi.com>
> corporate web site: <http://www.mmsi.com>
> --
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
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195. [htaprs] Re: Mir

From: "Paul Lantz" <plantz@onlink.net>
Date: Fri, 28 May 1999 13:59:28
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23154-1999.05.28-14.05.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

by setting unproto path to VIA R0MIR
do you mean just setting to R0MIR
my d7 can't include blank in path
there is only one place to set path on d7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

196. [htaprs] Re: Mir

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 28 May 1999 15:01:44 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23155-1999.05.28-14.08.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 28 May 1999, Paul Lantz wrote:

> by setting unproto path to APRS VIA R0MIR
> do you mean just setting to R0MIR
> my d7 can't include blank in path
> there is only one place to set path on d7

Correct. UNPROTO APRS VIA R0MIR is the conventional packet command. But
on the THD7, you just enter R0MIR. Since the TOCALL is already a given.

bob

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197. [htaprs] TIC, TIC, TIC II

From: "KEN STONECIPHER" <XMEN@FGI.NET>
Date: Fri, 28 May 1999 16:12:10
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23188-1999.05.28-16.18.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Osterlin, N0EST described a problem with the D7A. He described a TIC, TIC, TIC of intervals equal to the battery save interval when you use the earphone (in my case Kenwood VOX). I purchase the Kenwood VOX system so my system is all Kenwood product and not second party.

HE IS RIGHT - I have noticed it also and it is annoying.

Any ideas from anyone. Do Bob and I have defective Kenwood earphones(VOX).

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198. [htaprs] Re: TIC, TIC, TIC II

From: Jon Ogden <jono@enteract.com>
Date: Fri, 28 May 99 16:30:55 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23191-1999.05.28-16.31.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Bob Osterlin, N0EST described a problem with the D7A. He described a TIC,
>TIC, TIC of intervals equal to the battery save interval when you use the
>earphone (in my case Kenwood VOX). I purchase the Kenwood VOX system so my
>system is all Kenwood product and not second party.
>
>HE IS RIGHT - I have noticed it also and it is annoying.
>
>Any ideas from anyone. Do Bob and I have defective Kenwood
>earphones(VOX).

I have the TH-D7A and use the Kenwood Speaker Mic with it. So I am plugging into the same "earphone" jack that you are.

To test this, I played the other day with setting the battery save interval to everything from the smallest to the largest steps and several in between. I turned my volume up as loud as possible and listened. I heard nothing, zero, zip, nada.

I am not sure of your problem.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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199. [htaprs] Re: TIC, TIC, TIC II

From: Robert Donnell <kd7nm@ricochet.net>
Date: Fri, 28 May 1999 15:53:49 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23219-1999.05.28-17.59.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:12 PM 5/28/99, KEN STONECIPHER wrote:
>Bob Osterlin, N0EST described a problem with the D7A. He described a TIC,
>TIC, TIC of intervals equal to the battery save interval when you use the
>earphone (in my case Kenwood VOX). I purchase the Kenwood VOX system so my
>system is all Kenwood product and not second party.
>
>HE IS RIGHT - I have noticed it also and it is annoying.
>
>Any ideas from anyone. Do Bob and I have defective Kenwood
>earphones(VOX).

You might want to try setting the squelch tighter - it may be trying to
open when the radio is woken up after being in battery save condition.
I've seen this on different radios, all the way back to the Heathkit "handy
talkie" kit. It's in quotes, because these days there are mobile radios
that are smaller...

73, Bob

  Bob Donnell, KD7NM   bob@kd7nm.ampr.org kd7nm@ricochet.net
  Western Washington Amateur IP Address Coordinator   (425) 775-3651
---------- http://wetnet.wa.com/~kd7nm ----------

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200. [htaprs] Using the THD-7A with WinAPRS (LONG)

From: "Chris verbil" <chris_verbil@trimble.com>
Date: Fri, 28 May 1999 19:11:46
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23230-1999.05.28-19.17.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A question that pops up regularly in this forum is "how do I get the
Kenwood to talk to a PC or WinAPRS?" I promised this lessons learned
primer a while ago, and now since Dayton os finished I sense that there
will be a lot more of this need for the 1,2,3 of how to hook the units to
each other. So please make note of this message or save it to your hard
drive so the next time somebody asks, it will be handy.

****

Lessons Learned or, a primer on how to get WinAPRS and the Kenwood TH-D7A
to talk to each other amicably. These instructions are particularly aimed
at APRS newcomers or those unfamiliar with the configuration of either the
radio or the WinAPRS software.

Note: This procedure was tested using two different Kenwood radios, both
have the new firmware in them (serial numbers are both 011xxxxx). WinAPRS
versions 2.2.6 and 2.2.7 were both tested. There are no guarantees for
almost anything in life, and if you have an older TH-D7A or WinAPRS
versions prior to 2.2.6 I do not know if these instructions will work.
This set of instructions assumes the user knows how to use the TH-D7A
independently of a computer, including how to activate the GPS mode and
beaconing. Please review the Kenwood manual if you need to brush up on
those areas.

Equipment Required:

 TH-D7A
 IBM-PC or compatible capable of running WinAPRS
 Interface cable for TH-D7A <-> PC
 This cable can be the same as that used to interface the radio
with a GPS unit. More information on this later. If you choose to use the
same cable, you will need a null modem.
 WinAPRS software installed into the PC.

The Kenwood-supplied GPS/computer cable will work for either device. An
equivalent substitute is Mouser part number 172-2010
(http://www.mouser.com) You will need a DB9F to connect to a PC, or a DB9M
to connect to most, but not all, GPS units.

You could certainly choose to salvage the appropriate DB9 connectors from a

used or spare RS232 data cable, however I recommend you use new connectors. These are available at many different sources, if you have trouble it is probably easiest to get these from Radio Shack. Part numbers 276-1427 and 276-1538 are for the connectors, 276-1539 is the connector housing.

For wiring a GPS cable: The wiring for the Kenwood and Mouser cables are the same. Connect the red wire to pin 2 of the DB9M, the white wire to pin 3, and the shield (bare copper) to pin 5.

For wiring a computer cable: The wiring for the Kenwood and Mouser cables are the same. Connect the white wire to pin 2 of the DB9F, the red wire to pin 3, and the shield to pin 5. Note that if you compare the DB9F to a DB9M and you have the connectors side by side oriented the same way, one set of pins goes 1-2-3-4-5 across the top, and the other is reversed to 5-4-3-2-1. This will confuse you if you don't get the wires correct when you try to troubleshoot later!

If you choose to just make one cable, then I would suggest you make it for a GPS so you can have the utility of that device with a standalone TH-D7A. If you then want to use the Kenwood radio with the WinAPRS software, you will need a null modem adapter (try Radio Shack 26-264) AND a gender changer adapter (Radio Shack 26-266). Keep in mind that if you go the one-cable route, you will get the Kenwood talking to your PC but you will not have GPS-derived location data being fed to the radio.

So, now that you have all the equipment and parts organized, here is what you need to do. To operate the Kenwood with WinAPRS without GPS, as you would probably do with a base station, follow these instructions in the order given.

1. Connect the DB9 connector to the appropriate serial port on your PC (usually COMM1 or COMM2).

2. Plug the 3/32" mini phono jack into the "PC" port on the TH-D7A.

3. Turn on the radio.

4. Select the appropriate APRS frequency, usually 144.39. You may use other frequencies for testing if you wish but you would obviously need to coordinate that with other operators.

5. Follow the instructions in the Kenwood manual for putting the rig into "data" mode. If you do this correctly, you will have a "D" on the display to the right of the frequency.

6. Turn the volume up to verify that you are able to receive. You should hear packets if you are on an organized APRS frequency. The volume will no longer be required, so the setting is at your discretion.

7. Turn the GPS mode off in the APRS menu on the radio. (Menu setting 2-2)

8. Place the radio in packet mode by depressing the TNC button. You may have to press the button once, twice, or not at all. If the very top line of the radio display says "packet" to the right of the TNC indicator, you are properly set.

9. Turn the radio off. The next steps will verify that you have set up the radio and cables correctly to talk to the computer.

10. On your PC, start Hyperterminal or any other terminal emulator program. Set the operating parameters to whichever comm port you selected, 9600 baud, 8 data bits, no parity, 1 stop bit, no flow control. This configures the terminal program to talk directly to the comm port. Just like dialing into the internet, except we won't be using a modem to get data.

11. With the terminal software running on the PC, turn on power at the radio. You should see something like the following appear on your PC screen:

```
TASCO Radio Modem
AX.25 Level 2 Version 2.0
Release 08/18/98 2Chip ver 1.00
Checksum $F0
cmd:RESET

bbRAM loaded with defaults

TASCO Radio Modem
AX.25 Level 2 Version 2.0
```

```
Release 08/18/98 2Chip ver 1.00
Checksum $F0
cmd:MY N5CV
MYCALL   was NOCALL
cmd:PORTO $0000
PORTOUT  was $0000
cmd:
```

Please note: The actual wording and versions may differ on your rig, but if you can read something similar to this, you've done everything right so far. This is the response of my Kenwood TNC at power-up. If you can't read anything on the screen, but there is something there, then most likely you have the baud rate or data settings wrong. If nothing appears at all, most likely you don't have the cable wired correctly and possibly have reversed the transmit data and receive data lines. In that case, you can try inserting a null modem adapter between the DB9 end of the cable and the PC.

12. Exit the terminal emulator program on the PC.

13. Start WinAPRS.

14. Select "settings" from the top-level menu, then "station".

15. Verify your call sign is entered, then enter a latitude and longtitude. Please note that if you live in North America, it is a north latitude entry and a west longitude entry.

16. Select offset from UTC. As an example, Pacific Daylight Time would be -7.

17. Select an icon for displaying your base station. Place the cursor in the station icon box and try upper and lower case numbers, letters, and punctuation. You will see to the right of the entry box what the name of the icon is. As an example, if you enter "y" you will have selected a house symbol. No other entries are required on this screen, so hit "ok" at the bottom when you are done.

18. Select "settings", then "serial port" from the top-level menu.

19. You want to enable the VHF operation through the comm port. Type the number of your PC comm port in the "number" box on the line for VHF. Verify 9600 baud, 8 data bits, 1 stop bit, and no parity. The "allow GPS", "enable HSP" and "pico E" boxes should not be checked. Do not worry about the HF/Dual, GPS, WX, or RDF entries. They all can also be set to port 1 (or whatever), it does not matter for what we are doing. Click "ok" at the bottom to close this screen.

20. Select "settings", then "select TNC type" from the top-level menu.

21. Make sure the "single TNC on VHF" line is enabled. No other entries are required, so hit "ok".

22. Select "settings", then "TNC" from the top-level menu.

23. On the right side of the TNC screen, select "single port" for TNC type. Then click the "Kenwood DC" button underneath. Many default entries will now be loaded into the screen. You will notice that "GPS on VHF" box is checked on, you should turn that off. Click on "ok" at the bottom of the screen.

24. Select "settings", then "open VHF TNC" from the top-level menu. You should see the TNC commands appearing at the bottom of the WinAPRS map window.

25. If you have done all these steps correctly, you now should be seeing other stations appearing as icons on your PC screen. Please note that the WinAPRS software is now controlling most of the radio functions, so your position report rate and other variables are now set through the software and not through the APRS menu on the radio.

26. To use an NMEA-speaking GPS with the THD-7A and APRS, select "settings", then "serial port" from the top-level menu. Under VHF, select "allow GPS" and then "OK" at the bottom of the window. You will probably need to re-initialize the TNC as detailed previously to activate the GPS inputs.

Comments? E-mail the author at cverbil@jps.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

201. [htaprs] Re: TIC, TIC, TIC II

From: "Bob Oesterlin" <oester@millcomm.com>
Date: Fri, 28 May 1999 20:27:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23239-1999.05.28-20.33.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Robert Donnell <kd7nm@ricochet.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Friday, May 28, 1999 5:53 PM
Subject: [htaprs] Re: TIC, TIC, TIC II

> At 04:12 PM 5/28/99, KEN STONECIPHER wrote:
> >Bob Osterlin, N0EST described a problem with the D7A. He described a
TIC,
> >TIC, TIC of intervals equal to the battery save interval when you use the
> >earphone (in my case Kenwood VOX). I purchase the Kenwood VOX system so
my
> >system is all Kenwood product and not second party.
> >
> >HE IS RIGHT - I have noticed it also and it is annoying.
> >
> >Any ideas from anyone. Do Bob and I have defective Kenwood
> >earphones(VOX).

I've had at least one other person (Tony AA0SM) confirm this - I can hear it
with or without earphones. Maybe something to do with low serial numbers ?
Both Tony AA0SM and I have early units (without firmware upgrade)

Bob N0EST

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

202. [htaprs] Re: Yaesu FT-530

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Fri, 28 May 1999 23:52:00 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23262-1999.05.28-23.57.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Use a 10 MFD TANTALUM capacitor (and make sure you have the polarity
correct) and a 2 or 2.2 K ohm resistor.
The recommended Kantronics hookup will never work with a Yeasu Rig 530 or
later.

Note that the negative lead of the capacitor goes to the TNC (audio out)
while the positive lead goes toward the center pin of the mic plug. The
2.2 K ohm resistor should be soldered to the positive side of the capacitor
and the other pin should go to the TNC. Cable shield should be connected
to the mic plug shield and to the ground on the TNC. I highly recommend
AGAINST using an electrolytic capacitor. All the 10 MFD electrolytic
capacitors I've found are the size of Brach's Root Beer Barrel candies.
Plus they have a tendency to dry out. Use a tantalum capacitor and you
won't go wrong, plus they're small and available at Radio Shack. I've
personally tested the 10 MFD/2.2 K ohm circuit on an FT-530, FT-11R,
FT-51R, HTX-202, DJ-190, and the ADI AT-200 series HTs. It is currently
the circuit being employed in both the Sioux Falls Digi and Sioux Falls Igate.

73,

Mark
KC7BXS

At 10:16 AM 5/15/99 -0600, Ted wrote:

>I have been trying to get my Yaesu to work with my kpc3+ I have wired it
>both the way kantronics says and the way Yaesu does neither way will key the

>PTT I can Receive but won't talk. I have right now from the center pin of
>the mic jack a 1.68 k ohm res. to pin 3 and a 10 mfd electrolytic to pin 1
>neg. side to 9 pin connector....

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

203. [htaprs] TIC, TIC, TIC III

From: "KEN STONECIPHER" <XMEN@FGI.NET>
Date: Sat, 29 May 1999 8:48:41
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23303-1999.05.29-08.54.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In the May 28, 1999 Bob N0EST suggested that this might be a problem with
an early serial number. The serial number on my new D7A is 011000XX. I
think this has the new firmward. Is this correct.

Thanks in advance.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

204. [htaprs] Re: TIC, TIC, TIC III

From: Jon Ogden <jono@enteract.com>
Date: Sat, 29 May 1999 22:30:19 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23388-1999.05.29-22.30.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>In the May 28, 1999 Bob N0EST suggested that this might be a problem with
>an early serial number. The serial number on my new D7A is 011000XX. I
>think this has the new firmward. Is this correct.

That's correct. All 011 HTs have the new firmware.

Another thing I was thinking of that makes a ticking or beeping noise is
when the HT is waiting for correct NMEA data from the GPS. It beeps
every so many seconds until the correct data is received. If you have
the GPS functioned turned on in your unit and no GPS hooked up perhaps
this is the source of the beep.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

205. [htaprs] D7A S/N

From: Dave Kaplan <dkaplan@steffeninc.com>
Date: Sat, 29 May 1999 22:46:25 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23390-1999.05.29-22.53.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At Dayton I purchased a D7A. The serial number is 10100484. Did I get one
of the old ones (less mod)?

Dave
WB0WNX

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206. [htaprs] TIC, TIC, TIC, - SOLVED !!!!!

From: "KEN STONECIPHER" <XMEN@FGI.NET>
Date: Sun, 30 May 1999 10:4:12
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23425-1999.05.30-10.10.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been wrestling with a TIC,TIC,TIC that is heard in my new D7A. It
is very noticable when I have my Kenwood VOX headset on.

I solved the problem. By turning the battery saver (manual page 9) to OFF
the TIC,TIC TIC stopped. I also varied the selectable interval and the
TIC, TIC, TIC varies in its intervals.

Problem solved. I am going to send a note to Kenwood to see if they know
about this and have a solution.
Thanks for everyone's help.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

207. [htaprs] D7 SN#'s

From: jlagreek <jlagreek@inlink.com>
Date: Sun, 30 May 1999 12:57:13 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23446-1999.05.30-13.31.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dave,

No, you have one of the new ones. Kenwood Service Bulletin ASB-1063REV1 on the Kenwood FTP site.

http://208.197.91.81/Amateur/AmateurServiceBulletins/ASB1063REV1.PDF

73 de N0OTM

Joe LaGreek

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

208. [htaprs] Re: Mir

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Sun, 30 May 1999 22:40:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23475-1999.05.30-22.46.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just a few minutes ago I managed to bounce a packet off of MIR with my
TH-D7. Not bad. Time was about 3:30 UTC May 31, 1999.

Pretty cool.

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

209. [htaprs] TH-D7 and APRServe

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Sun, 30 May 1999 23:06:27 -0500

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23478-1999.05.30-23.12.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Odd, but when I beacon my position at N43 35.40, W 096 42.50 with my TH-D7
it shows the Gridsquare as EN13PO, which is correct. My position on a
local map shows up correctly on the corner of Cliff and Benson Rd in Sioux
Falls, but on the MapBlast maps I show up in FRANCE! (somewhere near the
Spanish border).

Hmmm...

Mark
KC7BXS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

210. [htaprs] Re: TH-D7 and APRServe

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 31 May 1999 00:18:28 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23481-1999.05.30-23.24.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 30 May 1999, Mark Fellhauer wrote:
>
> Odd, but when I beacon my position at N43 35.40, W 096 42.50 with my TH-D7
> it shows the Gridsquare as EN13PO, which is correct.
> ... but on the MapBlast maps I show up in FRANCE! (somewhere near the
> Spanish border).

The Mic-E format used by the THD7 can contain some control characters and
these do not traverse the internet. THus garbled positions. THis is
being fixed by having all IGATE software convert the Mic-E packets to
conventional APRS packets before injecting them into APRServe.

Apparently your IGATE has old software...

de WB4APR< Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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211. [htaprs] Re: TH-D7 and APRServe

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Sun, 30 May 1999 23:55:37 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23492-1999.05.31-00.01.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:18 AM 5/31/99 -0400, Bob Bruninga wrote:
>
>The Mic-E format used by the THD7 can contain some control characters and
>these do not traverse the internet. THus garbled positions. THis is
>being fixed by having all IGATE software convert the Mic-E packets to
>conventional APRS packets before injecting them into APRServe.
>
>Apparently your IGATE has old software...
>

The Igate is WinAPRS 2.2.7

Mark
KC7BXS

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212. [htaprs] Stooopid question

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 31 May 1999 01:35:57 -0500

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23508-1999.05.31-01.41.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here's a stupid question abouth the TH-D7. On page 22 of the manual it
mentions a "Tone Function" What's the difference between this and CTCSS
mentioned on page 39?   I know what CTCSS is and what it does, but what is
the Tone function?

Mark
KC7BXS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

213. [htaprs] Street Pilot

From: "Gary S. Bargholz" <N9UUR@execpc.com>
Date: Mon, 31 May 1999 01:58:30 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23509-1999.05.31-02.04.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello group.

Does anyone have experience on using a Garmin
Street Pilot and a D7 for APRS. Does it work well?

Does a Street Pilot have the same 4 pin data/power
connection as a Garmin II or III?

Do "waypoints" appear on screen uploaded from the D7 as
on a Garmin II or III?

Is this a good choice for a GPS, or is a Garmin III Plus better?

Thanks   Gary

_____

Gary Bargholz
http://www.execpc.com/~n9uur
AMSAT Area 9 Coordinator, Wisconsin
Chairman: W.A.R. The WI Association of Repeaters
Treasurer: M.R.C. The Milwaukee Repeater Club
Owner: N9UUR-10 Milwaukee APRServe IGate
_____

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

214. [htaprs] Re: TH-D7 and APRServe

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Mon, 31 May 1999 11:32:35 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23517-1999.05.31-04.39.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op maandag 31 mei 1999 6:18, heeft Bob Bruninga
[SMTP:bruninga@nadn.navy.mil] geschreven:
> The Mic-E format used by the THD7 can contain some control characters and
> these do not traverse the internet. THus garbled positions. THis is
> being fixed by having all IGATE software convert the Mic-E packets to
> conventional APRS packets before injecting them into APRServe.
>
> Apparently your IGATE has old software...
>
> de WB4APR< Bob
>
To bad this translation does not always work as it has to
eg. a position of 5144.00N/00508.00E gets translated to 5144.00N/19508.00E
by linux aprserve
I understand that the translation code is orignating from aprsmon.

I don't know if this is known but its anoying because all the positions in

the Neterlands are being garbled this way.
Ah wel I don't have a fixed inet connection so its a local matter.

73 de Andre PE1RDW
http://www.pe1rdw.demon.nl

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

215. [htaprs] RE: Stooopid question

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Mon, 31 May 1999 12:46:42 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23522-1999.05.31-05.54.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op maandag 31 mei 1999 8:36, heeft Mark Fellhauer
[SMTP:sparkfel@primenet.com] geschreven:
>
> Here's a stupid question abouth the TH-D7. On page 22 of the manual it
> mentions a "Tone Function" What's the difference between this and CTCSS
> mentioned on page 39?   I know what CTCSS is and what it does, but what is
> the Tone function?
>
> Mark
> KC7BXS
>
I don't have the manual at hand but i believe the tone function is transmit
only and no subaudio decoding

73 de Andre PE1RDW
http://www.pe1rdw.demon.nl

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

216. [htaprs] Re: Street Pilot

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Mon, 31 May 1999 10:04:46 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-23550-1999.05.31-09.12.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Street Pilot has the same 4 pin connector as the other garmins..

Yes, it works well for getting GPS data INTO the D7,

------HOWEVER-----

It does NOT display the waypoints on the screen like the Garmin III and III+

We have brought this issue up with Garmin, and their answer was that there
wasn't enough room in the ROM to do it..

I do NOT know if this is the case for the COLOR Street Pilot.

In my opinion, the Garmin III Plus is better for use with the D7..

Keith Sproul, WU2Z

>Hello group.
>
>Does anyone have experience on using a Garmin
>Street Pilot and a D7 for APRS. Does it work well?
>
>Does a Street Pilot have the same 4 pin data/power
>connection as a Garmin II or III?
>
>Do "waypoints" appear on screen uploaded from the D7 as
>on a Garmin II or III?
>

>Is this a good choice for a GPS, or is a Garmin III Plus better?
>
>Thanks   Gary
>
>
>

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

217. [htaprs] Re: Street Pilot

From: Doug Woodruff <w4law@mindspring.com>
Date: Mon, 31 May 1999 09:12:14 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23553-1999.05.31-09.21.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The pilot is just like the III only bigger!

Doug

"Gary S. Bargholz" wrote:

> Hello group.
>
> Does anyone have experience on using a Garmin
> Street Pilot and a D7 for APRS. Does it work well?
>
> Does a Street Pilot have the same 4 pin data/power
> connection as a Garmin II or III?
>
> Do "waypoints" appear on screen uploaded from the D7 as
> on a Garmin II or III?
>
> Is this a good choice for a GPS, or is a Garmin III Plus better?
>
> Thanks   Gary
>
> ____
>
> Gary Bargholz
> http://www.execpc.com/~n9uur
> AMSAT Area 9 Coordinator, Wisconsin
> Chairman: W.A.R. The WI Association of Repeaters
> Treasurer: M.R.C. The Milwaukee Repeater Club
> Owner: N9UUR-10 Milwaukee APRServe IGate
> ____
>
> ---
> You are currently subscribed to htaprs as: W4LAW@MINDSPRING.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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218. [htaprs] Re: Street Pilot

From: Doug Woodruff <w4law@mindspring.com>
Date: Mon, 31 May 1999 09:15:00 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23554-1999.05.31-09.24.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oops!---data output the same -- input different.

Doug

Doug Woodruff wrote:

> The pilot is just like the III only bigger!
>
> Doug
>
> "Gary S. Bargholz" wrote:
>
> > Hello group.
> >
> > Does anyone have experience on using a Garmin
> > Street Pilot and a D7 for APRS. Does it work well?
> >
> > Does a Street Pilot have the same 4 pin data/power
> > connection as a Garmin II or III?
> >
> > Do "waypoints" appear on screen uploaded from the D7 as
> > on a Garmin II or III?
> >
> > Is this a good choice for a GPS, or is a Garmin III Plus better?
> >
> > Thanks   Gary
> >
> > ____
> >
> > Gary Bargholz
> > http://www.execpc.com/~n9uur
> > AMSAT Area 9 Coordinator, Wisconsin
> > Chairman: W.A.R. The WI Association of Repeaters
> > Treasurer: M.R.C. The Milwaukee Repeater Club
> > Owner: N9UUR-10 Milwaukee APRServe IGate
> > ____
> >
> > ---
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> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: W4LAW@MINDSPRING.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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219. [htaprs] Re: TH-D7 and APRServe

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 31 May 1999 10:34:09 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23558-1999.05.31-09.40.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 31 May 1999, Schayk A.H. van wrote:

> > The Mic-E format used by the THD7 can contain some control characters and
> > these do not traverse the internet. Igates must decode them first
> > to conventional APRS packets before injecting them into APRServe.
> >
> To bad this translation does not always work as it has to
> eg. a position of 5144.00N/00508.00E gets translated to 5144.00N/19508.00E
> by linux aprserve I understand that the translation code is orignating
> from aprsmon.

Yes, notice that LONG of 195 is the correct decode, but apparently your
IGATE left off the final step of subtracting 180 from any LONG over 180.
THus 195 is 005 as it should be. We must get this news to the authors of
your IGATE...

 >
> I don't know if this is known but its anoying because all the positions in
> the Neterlands are being garbled this way.
> Ah wel I don't have a fixed inet connection so its a local matter.
>
> 73 de Andre PE1RDW
> http://www.pe1rdw.demon.nl
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL

> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
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220. [htaprs] Porta Desk?

From: John <jwhughes@bellsouth.net>
Date: Mon, 31 May 1999 11:56:52 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23569-1999.05.31-11.05.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone heard of this car furniture for securing a laptop/notebook? Does it
work well? Someone told me it's used in law enforcement vehicles? Address
or URL to contact maker?

Thanks for any info?

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

221. [htaprs] Re: Street Pilot

From: "Gary S. Bargholz" <N9UUR@execpc.com>
Date: Mon, 31 May 1999 12:15:10 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-23575-1999.05.31-12.21.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> The Street Pilot has the same 4 pin connector as the other garmins..
>
> Yes, it works well for getting GPS data INTO the D7,
>
>
> ------HOWEVER-----
>
> It does NOT display the waypoints on the screen like the Garmin III and
> III+
>
> We have brought this issue up with Garmin, and their answer was that there
> wasn't enough room in the ROM to do it..
>
> I do NOT know if this is the case for the COLOR Street Pilot.
>
>
> In my opinion, the Garmin III Plus is better for use with the D7..
>
>
> Keith Sproul, WU2Z
>
>

Thank you, Thank You...

That would have been a major (expensive) mistake.
I'll go with a III plus.

I have been wanting to write you... I was one of the "many" at Dayton,
we met at your booth, and the Packet Dinner.
Our conversation was about the APRSN SSTV software.
I own the Milwaukee Igate, at Marquette University.
I'm NOT ready to test the software YET....   But I did leave your
booth... and Bought a UHF repeater (Complete!) out in the flea market.
We are working here to put it up as a SSTV repeater, and I have built

up a 100mhz pentium Win NT 4 server as well.

Give me another month for Frequency coordination, and install.
LOVE to have Milwaukee as the Beta test bench for the software as
we had discussed at Dayton. Trying to "Do the hardware right" here :)

73 Gary

_____

Gary Bargholz
http://www.execpc.com/~n9uur
AMSAT Area 9 Coordinator, Wisconsin
Chairman: W.A.R. The WI Association of Repeaters
Treasurer: M.R.C. The Milwaukee Repeater Club
Owner: N9UUR-10 Milwaukee APRServe IGate
_____

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222. [htaprs] Re: Stooopid question

From: Jon Ogden <jono@enteract.com>
Date: Mon, 31 May 1999 14:31:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23592-1999.05.31-14.31.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Here's a stupid question abouth the TH-D7. On page 22 of the manual it
>mentions a "Tone Function" What's the difference between this and CTCSS
>mentioned on page 39?   I know what CTCSS is and what it does, but what is
>the Tone function?

Hi Mark,

It's easy to get mixed up.

The TONE function is a transmit PL only. No PL decode. The CTCSS is
both an encode and decode function of the PL tones.

Hope this helps.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

223. [htaprs] D7 program

From: Robbie Robertson <rrobertson@ameritech.net>
Date: Mon, 31 May 1999 19:34:21 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23649-1999.05.31-19.38.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I seem to remember someone commenting on the MD0007 program
and the difficulties modifying the saved contents of memory.

In case I've missed something in the postings, I found that
by loading either a saved file, or reading what is in the
TH-D7, then I double click on the value of memory data..

This brings up the appropriate entry screen for modification
and change it any way I want, then either save it back to a
file or write it back to the D7.. Works just great....

73, robbie
--

Are we having fun yet?
Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

224. [htaprs] Re: TH-D7 and APRServe

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 31 May 1999 21:03:46 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23651-1999.05.31-20.09.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 5/31/99 10:34 AM, Bob Bruninga (bruninga@nadn.navy.mil) passed this
wisdom:

>Yes, notice that LONG of 195 is the correct decode, but apparently your
>IGATE left off the final step of subtracting 180 from any LONG over 180.
>THus 195 is 005 as it should be. We must get this news to the authors of
>your IGATE...

 Dunno 'bout ur math, but mine say that 195-180 is 015 not 005 !!!

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "A man with a gun goes into an elevator. Inside, he meets Adolf
   Hitler, a shark, and a lawyer. However, the man has only two
   bullets, so he shoots the lawyer twice." -- Buddy Hackett

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225. [htaprs] Re: Porta Desk?

From: Alan Crosswell <n2ygk@weca.org>
Date: Mon, 31 May 99 22:17:56 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23661-1999.05.31-21.24.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Anyone heard of this car furniture for securing a laptop/notebook? Does it
> work well? Someone told me it's used in law enforcement vehicles? Address
> or URL to contact maker?
>
> Thanks for any info?
>

I hope that the porta desk is not used in law enforcement as this is
really more of a business traveler's kind of thing for use when
stationary but in the car. You strap it in to the passenger seat.

There are a number of PD type systems out there that actually safely
secure a laptop so it won't kill you in a crash as it becomes a 60MPH
projectile. Here are some stale links I found when researching this
stuff in 1997. Basically, Panasonic Toughbook laptops and
Gamber-Johnson mounts:

<DL>
    <DT><A HREF="http://www.oxnardpd.org/laptop.htm" >Oxnard PD's Laptop Field Reporting Project</A>
</DL>
</DD>
</DD>
<DT><STRONG>Mobile Computer Mounting Hardware</STRONG></DT><DD>
<DL>
    <DT><A HREF="http://www.smc-corp.com/comm.htm">SMC Corporation</A>
    <DT><A HREF="http://www.coredcs.com/~gamberj/">Gamber-Johnson</A>

```
</DL>
<DT><STRONG>Ruggedized Computers</STRONG></DT><DD>
<DL>
    <DT><A HREF="http://www5.zdnet.com/cshopper/content/9612/cshp0152.html" >Shock Absorbers: Rugged and
 Ruggedized Notebooks (Computer Shopper Article)</A>
    <DT><A HREF="http://www.panasonic.com/PCSC/PPCC/cf25.html">Panasonic CF25 Laptop</A>
    <DT><A HREF="http://www.field-works.com/" >FieldWorks, Inc.</A>
    <DT><A HREF="http://www.dolch.com/portables/standard.html" >Dolch - Standard Portable Computers</A>
</DL>

73 de Alan N2YGK



---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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```

226. [htaprs] Re: TH-D7 and APRServe

```
From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 31 May 1999 23:43:29 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23678-1999.05.31-22.49.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

On Mon, 31 May 1999, Brian B. Riley wrote:

> >Yes, notice that LONG of 195 is the correct decode, but apparently your
> >IGATE left off the final step of subtracting 180 from any LONG over 180.
> >THus 195 is 005 as it should be. We must get this news to the authors of
> >your IGATE...
>
> Dunno 'bout ur math, but mine say that 195-180 is 015 not 005 !!!

OOPS, you are correct. LONGS of 00 to 09 are encoded by adding 190.
WHile LONGS of 100 to 109 are encoded by adding 80.   THanks. de WB4APR

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June 1999

Original source file: htaprs.9906
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9906

1. [htaprs] TH-D7 User Survey Results

From: Walter Dunckel <wdunckel@best.com>
Date: Tue, 01 Jun 1999 10:33:21 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23754-1999.06.01-12.44.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All in all, I recieved 48 responses to my survey of lockups,
satisfaction, and suggestions for the TH-D7. I had hoped for a bit more,
but the results are still interesting. I have graphed and described
these responses at:

http://www.best.com/~wdunckel/survey.htm

Thanks to all that responded to the survey!

Walter

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

2. [htaprs] Re: Porta Desk?

From: Clifford Uyeda <cuyeda@ix.netcom.com>
Date: Tue, 01 Jun 1999 17:07:35 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23802-1999.06.01-19.16.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John,
Try RAM Technology. You may find some interesting mounting options for all
kinds of uses.

http://www.ram-mount.com

At 11:56 AM 5/31/99 -0400, John wrote:
>Anyone heard of this car furniture for securing a laptop/notebook? Does it
>work well? Someone told me it's used in law enforcement vehicles? Address
>or URL to contact maker?
>
>Thanks for any info?
>
>
>---
>You are currently subscribed to htaprs as: CUYEDA@IX.NETCOM.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

Clifford Uyeda
E-mail: cuyeda@ix.netcom.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] MIR, APRS, and everything

From: "Steve Sande" <kc0ezh@arrl.net>
Date: Tue, 1 Jun 1999 21:0:39
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23807-1999.06.01-21.06.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After reading the earlier comments on here from WB4APR and Mark Fellhauer,
I thought I'd see if I could "hit" MIR last night. There was a pass at
about 9:50 PM local time, so I went ahead and did the following:

1) Turned off squelch (could hear packet bursts from time to time through
the white noise...)
2) Slapped a Comet SMA24 dual-band high gain antenna on the TH-D7A in place

of the rubber duck
3) Bopped into menu 2-A and set UPROTOCOL to R□MIR
4) Tuned the TH-D7A to 145.985
5) Opened the TNC
6) Watched the radio in between gazing at Mir (the estimated magnitude of
the pass was about -0.5!)

Although I could hear the unique sound of packets being sent, the TH-D7A
failed to recognize them as APRS packets. Was I doing anything wrong in
terms of my setup? Do I also need to set my packet path (menu 2-8) to R□MIR
or will the generic RELAY,WIDE work? There's another nighttime pass
tomorrow evening (the 2nd of June), so if anyone can point out the error of
my ways, I'd sure appreciate it.

I've had great success copying APRS packets from all around the area and
really love this TH-D7A. It's been a great toy and has already helped me
snag a new ham into the hobby!

KC□EZH
Steve Sande
Highlands Ranch, CO
Visit PDAntic's Palm-Size PC World at http://www.pdantic.com/palmsize/

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4. [htaprs] Re: MIR, APRS, and everything

From: Jon Ogden <jono@enteract.com>
Date: Tue, 1 Jun 1999 21:19:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23809-1999.06.01-21.18.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I've had great success copying APRS packets from all around the area and
>really love this TH-D7A. It's been a great toy and has already helped me
>snag a new ham into the hobby!

My question to you and the rest of the group is if people have any
difficulty copying local packets. I've stated before, but I hear all
sorts of packets that don't get decoded. Perhaps you had the same
problem with MIR. Some have said that the readings need to be nearly
full scale.

Is the TNC in the TH-D7A that poor that unless you have full scale
readings it won't decode the signals? And is Kenwood going to fix this
via software?

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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5. [htaprs] Re: MIR, APRS, and everything

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Tue, 01 Jun 1999 22:15:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23811-1999.06.01-22.19.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:00 PM 6/1/99, Steve Sande wrote:

>Although I could hear the unique sound of packets being sent, the TH-D7A
>failed to recognize them as APRS packets.

That's because they are not APRS packets. In APRS mode the TH-D7 will only
recognize beacon packets or other UI packets. Going into packet mode and
hooking up a computer will show alot more packets, especially if you set
passall to on.

>Was I doing anything wrong in
>terms of my setup? Do I also need to set my packet path (menu 2-8) to RØMIR
>or will the generic RELAY,WIDE work? There's another nighttime pass
>tomorrow evening (the 2nd of June), so if anyone can point out the error of
>my ways, I'd sure appreciate it.

The packet path only relates to packets sent, not received. If you are
just listening, pathway makes no difference.

Remember, and I think many here have forgotten, packet is not a weak signal
mode. You need a pretty good S/N ratio for packet to work.

Tonight I went out to demo the HT to a few non-hams, just a few minutes
ago, so I hooked up my 3 element Arrow antenna (an AO-27 special) and was
amazed at how strong the signal was, even with the antenna pointed away
from Mir. To make the demo even better, it was a good high pass, and Mir
was visible, making it very easy to track.

>From what was on the web today, it appears this time Mir's days are really
numbered. So if you are going to do any experimentation of using Mir,
now's the time to do it.

73,

Mark
KC7BXS

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6. [htaprs] Re: MIR, APRS, and everything

From: Jon Ogden <jono@enteract.com>
Date: Tue, 1 Jun 1999 22:32:34 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23813-1999.06.01-22.32.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From what was on the web today, it appears this time Mir's days are really
>numbered. So if you are going to do any experimentation of using Mir,
>now's the time to do it.

Any possbility that us hams can pitch in and buy MIR from the Russians?
What a great contest or field day site, etc!

I've got a little bit of money I'd contribute to buy a piece of MIR! :-)

Oh....one could only hope!

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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7. [htaprs] Re: MIR, APRS, and everything

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 2 Jun 1999 09:47:51 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23844-1999.06.02-08.53.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 1 Jun 1999, Steve Sande wrote about operating THD7 via MIR:

> 3) Bopped into menu 2-A and set UPROTOCOL to RØMIR

error: That is the TOCALL. That should stay as APK001 always.
No one will see any APRS packet from your radio if it is changed, unless
they also have the same setting. This is for operating independent
ALT-NETS on the same frequency.

> Although I could hear the unique sound of packets being sent, the TH-D7A
> failed to recognize them as APRS packets. Was I doing anything wrong in
> terms of my setup? Do I also need to set my packet path (menu 2-8) to RØMIR
> or will the generic RELAY,WIDE work?

YES. You must set your path to R0MIR so that MIR will digipeat you.

PS. Mir is now to be abandoned in August, so only 2 months left...
See next message.

de WB4APR

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8. [htaprs] Re: MIR, APRS, and everything

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 2 Jun 1999 10:24:40 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23848-1999.06.02-09.31.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

MIR will only be up for 2 more months. If you haven't tried to get a
STATUS/POSIT packet via MIR from your Kenwood THD7, you might want to give
it a try:

Here are passes TODAY (wed) over USA. These are approximations for your
area at the start of the pass. Pass should last about 10 minutes.

PDT	MDT	CDT	EDT
...	...	1240	1340
1212	1315	1418	1520
1345	1448	1550	1652
1521	1624	1727	1830
1658	1800	1903	2005
1834	1937	2040	2142
2008	2110	2213	2316
2143	2247	2350	0052
2325	...	....	...

Be sure to set up your HT properly:

1) Set PATH to R0MIR
2) Be sure your position is entered.

When you hear MIR, then manually originate some POSITS. Once your radio
sees your own packet digiepated by showing you "MY PACKET", then you can
be sure that everyone else saw you also, so stop sending.

de WB4APR, Bob

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9. [htaprs] Re: MIR, APRS, and everything

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 2 Jun 1999 10:36:47 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23851-1999.06.02-09.42.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 1 Jun 1999, Mark Fellhauer wrote:

> >Although I could hear the unique sound of packets being sent, the TH-D7A
> >failed to recognize them as APRS packets.
>
> The packet path only relates to packets sent, not received. If you are
> just listening, pathway makes no difference.

True, but just to re-iterate, he had changed his UNPROTO TOCALL, which in
APRS then becomes a filter so that you can operate "alternate nets" on the
same APRS channel without interfereing with the main APRS activity. Thus,
once you change your UNPROTO TOCALL to any "non-aprs-generic" call, then
your radio will now ignore ALL packets unless addressed specifically to
the same matching "altnet". Thus, when he set his UNPROTO TOCALL to
R0MIR, he effectilvey filtered out all packets.

Kenwood split the normal UNPROTO TOCALL VIA PATH construct of a normal TNC
into two MENU items. UNPROTOCOL and PATH. They should have then been
re-named to be "ALTNET" and "PATH" to be more discriptive...

In summary. Never change the UNPROTOCOL in the THD7 to anything other
than APK001 unless you want to operate a "private" net and ignore all
others on the channel...

But DO set PATH to the digipeater path desired... Here, R0MIR...

bob

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10. [htaprs] Why should I buy a TH-D7?

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Wed, 2 Jun 1999 11:50:15 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23864-1999.06.02-10.59.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got some money burning a hole in my pocket so I'm looking for a new toy.
I'm interested in the TH-D7 for it's portability with a PalmPilot and a
terminal program, but I'm also interested in the Yaesu VX-5R for its
portable 6m capability and extended receive.

I've been following the list for a while, and I understand that the TH-D7
can be used for APRS, receive(only) 9600 data from the KitSats, connect to
the MIR BBS and land BBS, Skycommand, and send/receive e-mail. What else
can it do?

(Please don't flame me for what I'm about to say). I'm not very interested
in APRS, receiving 9600 data from the KitSats is boring unless someone likes
to decode telemetry, Skycommand doesn't work with my TS-50S setup at home,
and I can send and receive e-mails with my cell phone. At this point the
only reason I can justify buying a TH-D7 is to connect to MIR and land BBS.
Is that right? What other satellite can it connect too and will that work
with a PalmPilot and a terminal program or will I need to buy a palmtop?

Thanks

Daniel

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11. [htaprs] Re: MIR, APRS, and everything

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 2 Jun 1999 13:01:45 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-23870-1999.06.02-12.07.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OOPS, the freq is 145.985 MHz FM...
See you there...

On Wed, 2 Jun 1999, Bob Bruninga wrote:

> MIR will only be up for 2 more months. If you haven't tried to get a
> STATUS/POSIT packet via MIR from your Kenwood THD7, you might want to give
> it a try:
>
> Here are passes TODAY (wed) over USA. These are approximations for your
> area at the start of the pass. Pass should last about 10 minutes.
>
>   PDT   MDT   CDT   EDT
>   ---- ---- ---- ----
> 1240 1340
>   1212 1315 1418 1520
>   1345 1448 1550 1652
>   1521 1624 1727 1830
>   1658 1800 1903 2005
>   1834 1937 2040 2142
>   2008 2110 2213 2316
>   2143 2247 2350 0052
>   2325 ...   .
>
> Be sure to set up your HT properly:
>
> 1) Set PATH to R0MIR
> 2) Be sure your position is entered.
>
> When you hear MIR, then manually originate some POSITS. Once your radio
> sees your own packet digiepated by showing you "MY PACKET", then you can
> be sure that everyone else saw you also, so stop sending.
>
> de WB4APR, Bob
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

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12. [htaprs] Re: MIR, APRS, and everything

From: Greg Kulosa <greg@gnac.com>
Date: Wed, 2 Jun 1999 11:17:06 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23878-1999.06.02-13.25.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> In summary. Never change the UNPROTOCOL in the THD7 to anything other
> than APK001 unless you want to operate a "private" net and ignore all
> others on the channel...

Well, what about the GPSxx TOCALL's to specify your icon?

I use GPSLE (Horse) on my D7A when I am "equestrian mobile".

The tracker in my truck uses "unproto GPSLK via WIDE3-3" so that it uses
the Truck ICON.

I know that the MIC-E format that the D7A uses also encodes the icon
somehow, but I thought it was even better to include more info, given
that a lot of the IGATE's seem to be flaky about converting MIC-E packets.

The more redundant information the better.

> bob

--
Greg A. Kulosa | "The avalanche has already started, it is too
Systems Administrator | late for the pebbles to vote." - Ambassador Kosh
GNAC, Inc. |____
greg@gnac.com   999 Main Street - Redwood City, CA 94063

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] Re: Why should I buy a TH-D7?

From: Jon Ogden <jono@enteract.com>
Date: Wed, 2 Jun 99 13:52:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23880-1999.06.02-13.53.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I got some money burning a hole in my pocket so I'm looking for a new toy.
>I'm interested in the TH-D7 for it's portability with a PalmPilot and a
>terminal program, but I'm also interested in the Yaesu VX-5R for its
>portable 6m capability and extended receive.

All good questions! I would also ask the same questions before dropping
$400 for a new toy.

The VX-5R is a nice radio. But perhaps you should be made aware of a
couple of things:

* Six Meters: While a cool idea, 6M is probably not very well realized
from an HT. The reason is that you don't get much multi-path reflections
on 6M like you do on 2M and up. The multi-path reflection propagation is
what gives you the ability to communicate in not so line of sight paths.
Six meters is almost a completely true line of sight band. I've been
talking on 6 meter repeaters with guys who were running mobiles with 100
Watts and they were noisy into the repeater. Hills, buildings, etc are
brutal on 6M. So unless you live close to a 6M repeater or have a good
line of site to one, I wouldn't expect much out of it. Of course, when
good sporadic E skip occurs and even possibly F-skip in the near future,
a couple of Watts on 6m FM might be fun.

The extended RX capability of the VX is nice. However, how much will you
use it? And I've been told that wide band radios are much more
susceptible to intermod, birdies and other problems in the RX. There is
really no filtering. The TH-D7A gives you the VHF aircraft, ham, WX and
VHF/UHF land mobile bands for RX. The VX-5R certainly gives you a lot
more, but again, what is the use you have for the HT?
>
>I've been following the list for a while, and I understand that the TH-D7
>can be used for APRS, receive(only) 9600 data from the KitSats, connect to
>the MIR BBS and land BBS, Skycommand, and send/receive e-mail. What else
>can it do?

It can brew your coffee in the morning.

No, seriously, it is basically a 2M/440 HT with a full 9600 baud TNC
inside. It can receive and transmit in 9600 baud. I don't know about
the RX only stuff you heard about it works in both RX and TX at that
speed. You can hook your GPS to it for APRS stuff, hook the VC-H1 SSTV
unit to it and do some cool stuff and it does the other things you
mention up there. The e-mail function is not typical e-mail like this
message here, but is really APRS messaging. I don't think the TNC has a
built in BBS. You can also monitor 2 VHF channels at the same time if
you like.
>
>(Please don't flame me for what I'm about to say). I'm not very interested
>in APRS, receiving 9600 data from the KitSats is boring unless someone likes
>to decode telemetry, Skycommand doesn't work with my TS-50S setup at home,
>and I can send and receive e-mails with my cell phone. At this point the
>only reason I can justify buying a TH-D7 is to connect to MIR and land BBS.

>Is that right? What other satellite can it connect too and will that work
>with a PalmPilot and a terminal program or will I need to buy a palmtop?

Well, you can use it with any of the FM satellites (AO-27) I believe (the
VX-5R or any dualband HT can do this). You could use it to work MIR (for
the next couple months), You say you can send and receive e-mails with
your cell phone and you use that as a reason to discount that feature of
the Kenwood. Well, you can talk to your friends on your cell phone, so
why have ham radio at all? You can receive FM radio on your car radio so
why should the extended RX capability of the VX-5R matter? If you say
that one technology you have can replace another ham radio technology
then what is the point of being a ham? Everything I do on ham radio
could be done through some other means.

The bottom line is that you have to decide wether you want an HT with a
packet modem inside or an HT with wide TX/RX capability. That is your
choice. If you have no real desire to do the packet part than get the
VX-5R. The TH-D7A is really mostly setup to do APRS use as a specialty
feature. If you aren't interested in APRS or packet in general than the
TH-D7A isn't for you. Or if wideband RX isn't your thing either than get
neither. If you rule out the TH-D7A, I would suggest then looking at the
new 4 bander from Icom (6,2,440,1296). That looks to be a cool radio
with the addition of 1296.

Anyhow, your questions are good and good luck!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] Re: MIR, APRS, and everything

From: Jon Ogden <jono@enteract.com>
Date: Wed, 2 Jun 99 13:54:31 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23881-1999.06.02-13.55.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Well, what about the GPSxx TOCALL's to specify your icon?
>
>I use GPSLE (Horse) on my D7A when I am "equestrian mobile".

No, you don't want to do that. There is a seperate menu for setting your
icon. Use that. The D7A will filter out any TOCALL that is different
from yours unless it begins with AP. Read that section in the manual.
It's a cool feature.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

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15. [htaprs] Re: MIR, APRS, and everything

From: Arte Booten <n2zrc@webspan.net>
Date: Wed, 02 Jun 1999 14:17:23 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23882-1999.06.02-14.10.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Jon O. wrote:

>Any possbility that us hams can pitch in and buy MIR from the Russians?
>What a great contest or field day site, etc! I've got a little bit of
>money I'd contribute to buy a piece of MIR! :-)

     I wouldn't be surprised if they'd take our hard-currency dollars at
all, considering how cash-starved the Russian space program (and their
government in general) is. Do you realize that the largest problem with
their military is that their personnel have often gone for months and,
in some cases, years, without being paid!

     Thing is, it would be money spent on a dying tin can. Mir is going
to become a bright streak in the sky next year anyway and will (hopeful-
ly!) burn up in the atmosphere when it's deorbited. Remember Skylab?!
There's a big chunk of that sucker lying at the bottom of some ocean as
we speak.   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
      "The alien ship is moving toward the jumpgate." "How fast?"
      "Fast." "Be faster!"   - Delenn and Lennnier, Babylon 5

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] Re: MIR, APRS, and everything

From: Jon Ogden <jono@enteract.com>
Date: Wed, 2 Jun 99 15:03:37 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23886-1999.06.02-15.04.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   Thing is, it would be money spent on a dying tin can. Mir is going
>to become a bright streak in the sky next year anyway and will (hopeful-
>ly!) burn up in the atmosphere when it's deorbited.

But it doesn't really have to be that way.

The sad part is that we won't have a functioning space station up there
for the first time in a number of years. It's pathetic the slow
technological pace that our space programs are going at. The shuttle is
nearly 30 year old technology (it was being designed in the 70s) and we
have NOTHING being designed to replace it. Additionally, we made a deal
with the devil by turning the ISS from a US program to an International
program. How stupid could we be to let the Russians build one of the
most critical components, the crew quarters and command post, while we,
the nation who can afford to build the stuff, builds things like docking
modules. IMHO, the ISS is a cluster you know what that is based upon the
universalist "we can all get along with each other" philosophy that our
current governmental leaders have. I bet the ISS won't be up and running
for another 2 or 3 years.

Anyhow, it is totally pathetic how we've gotten complacent on space
exploration and neglected to really leap frog the technology. But I
digress on to other topics and away from APRS....

Thanks for the ranting and raving!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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17. [htaprs] TH-D7 and KISS ?

From: "Cees Tool" <ctool@multiweb.nl>
Date: Wed, 2 Jun 1999 22:08:02 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23888-1999.06.02-15.14.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Does anybody know if KISS-mode works with the new (USA) firmware ?

I have an 'old' firmware version and KISS does not transmit. This is a well
known problem and we have been told that 'Kenwood is working on it', but
that was already in december'98 and there is no european firmware upgrade
available yet ..... (and did not hear any announcement about it too)

73
Cees Tool - PA3AES
the Netherlands

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18. [htaprs] RE: Why should I buy a TH-D7?

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Wed, 2 Jun 1999 16:51:22 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23891-1999.06.02-16.03.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to everyone who replied to my e-mail. I could only read the replies
that were sent to me directly. All others will be read tomorrow since I get
the digest version of this list.

The reason I'm getting the new toy is because I'll be going to EO91 this
fall for a week. If I get the VX-5R I could use it to put a rare grid
square on 6M (assuming the band opens) and feel like a small DXpedition.
If I get a TH-D7, I can still communicate with the world via packet and
satellites.

Humm... Decision, decision...

You know what??? While writing this e-mail, I just realized that I could
get the TH-D7 and add a TenTec 2m to 6m transverter and get the best of both
world. I already have the TenTec 20m to 6m transverter, maybe I'll find
someone to trade. Hey, imagine packet on 6m!

Thanks a lot to all who replied to my question. Here goes my money!

BTW, if I come across more spare money for more toys, which GPS receiver
would you recommend for the TH-D7? My YL understands that EO91 is very

remote, and I'm sure she doesn't want us to get lost. (I hope!)

Daniel
VE3DCL

-----Original Message-----
From: Jon Ogden [mailto:jono@enteract.com]
Sent: Wednesday, June 02, 1999 14:52
To: Lavoie Daniel (NHQ-AC); TAPR HT APRS Special Interest Group
Subject: Re: [htaprs] Why should I buy a TH-D7?

>I got some money burning a hole in my pocket so I'm looking for a new toy.
>I'm interested in the TH-D7 for it's portability with a PalmPilot and a
>terminal program, but I'm also interested in the Yaesu VX-5R for its
>portable 6m capability and extended receive.

All good questions! I would also ask the same questions before dropping
$400 for a new toy.

The VX-5R is a nice radio. But perhaps you should be made aware of a
couple of things:

* Six Meters: While a cool idea, 6M is probably not very well realized
from an HT. The reason is that you don't get much multi-path reflections
on 6M like you do on 2M and up. The multi-path reflection propagation is
what gives you the ability to communicate in not so line of sight paths.
Six meters is almost a completely true line of sight band. I've been
talking on 6 meter repeaters with guys who were running mobiles with 100
Watts and they were noisy into the repeater. Hills, buildings, etc are
brutal on 6M. So unless you live close to a 6M repeater or have a good
line of site to one, I wouldn't expect much out of it. Of course, when
good sporadic E skip occurs and even possibly F-skip in the near future,
a couple of Watts on 6m FM might be fun.

The extended RX capability of the VX is nice. However, how much will you
use it? And I've been told that wide band radios are much more
susceptible to intermod, birdies and other problems in the RX. There is
really no filtering. The TH-D7A gives you the VHF aircraft, ham, WX and
VHF/UHF land mobile bands for RX. The VX-5R certainly gives you a lot
more, but again, what is the use you have for the HT?
>
>I've been following the list for a while, and I understand that the TH-D7
>can be used for APRS, receive(only) 9600 data from the KitSats, connect to
>the MIR BBS and land BBS, Skycommand, and send/receive e-mail. What else
>can it do?

It can brew your coffee in the morning.

No, seriously, it is basically a 2M/440 HT with a full 9600 baud TNC
inside. It can receive and transmit in 9600 baud. I don't know about
the RX only stuff you heard about it works in both RX and TX at that
speed. You can hook your GPS to it for APRS stuff, hook the VC-H1 SSTV
unit to it and do some cool stuff and it does the other things you
mention up there. The e-mail function is not typical e-mail like this
message here, but is really APRS messaging. I don't think the TNC has a
built in BBS. You can also monitor 2 VHF channels at the same time if
you like.
>
>(Please don't flame me for what I'm about to say). I'm not very interested
>in APRS, receiving 9600 data from the KitSats is boring unless someone
likes
>to decode telemetry, Skycommand doesn't work with my TS-50S setup at home,
>and I can send and receive e-mails with my cell phone. At this point the
>only reason I can justify buying a TH-D7 is to connect to MIR and land BBS.
>Is that right? What other satellite can it connect too and will that work
>with a PalmPilot and a terminal program or will I need to buy a palmtop?

Well, you can use it with any of the FM satellites (AO-27) I believe (the
VX-5R or any dualband HT can do this). You could use it to work MIR (for
the next couple months), You say you can send and receive e-mails with
your cell phone and you use that as a reason to discount that feature of
the Kenwood. Well, you can talk to your friends on your cell phone, so
why have ham radio at all? You can receive FM radio on your car radio so
why should the extended RX capability of the VX-5R matter? If you say
that one technology you have can replace another ham radio technology
then what is the point of being a ham? Everything I do on ham radio
could be done through some other means.

The bottom line is that you have to decide wether you want an HT with a
packet modem inside or an HT with wide TX/RX capability. That is your
choice. If you have no real desire to do the packet part than get the
VX-5R. The TH-D7A is really mostly setup to do APRS use as a specialty
feature. If you aren't interested in APRS or packet in general than the
TH-D7A isn't for you. Or if wideband RX isn't your thing either than get
neither. If you rule out the TH-D7A, I would suggest then looking at the
new 4 bander from Icom (6,2,440,1296). That looks to be a cool radio
with the addition of 1296.

Anyhow, your questions are good and good luck!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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19. [htaprs] Re: Why should I buy a TH-D7?

From: Walter Dunckel <wdunckel@best.com>
Date: Wed, 02 Jun 1999 13:54:53 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23892-1999.06.02-16.04.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually, the TH-D7 can only SEND E-mail. It can, however, send and
receive APRS messages. The beauty of the TH-D7 is that it has APRS built
into it, without the need of hauling a computer around to view, and
send messages to other stations. Since you aren't interested in this
feature, I would recommend you buy the VX-5R.

What else can the D7 do? Well besides APRS, Packet, E-mail, SSTV, and
Skycommand, about as much as any other dual band radio, with a few
exceptions. Besides normal full duplex capability, you can listen to
two 2-meter frequencies at the same time. You can listen to 118-136Mhz
FM, not just AM Air band. You can decode the tone used on repeater
frequencies. You can have your computer control the TH-D7
or use the Kenwood program to store all your frequencies into its
memory. See: http://www.radiohound.com/d7zpinfo.htm

By the way, the TH-D7 requires a computer (or Palm III/Wince etc.) to
operate in packet mode. You might as well buy the VX-5R and a TNC (if
you are interested in packet and don't find it too boring :-)

Walter
http://www.radiohound.com

"Lavoie Daniel (NHQ-AC)" wrote:
>
> I got some money burning a hole in my pocket so I'm looking for a new toy.
> I'm interested in the TH-D7 for it's portability with a PalmPilot and a
> terminal program, but I'm also interested in the Yaesu VX-5R for its
> portable 6m capability and extended receive.
>
> I've been following the list for a while, and I understand that the TH-D7
> can be used for APRS, receive(only) 9600 data from the KitSats, connect to
> the MIR BBS and land BBS, Skycommand, and send/receive e-mail. What else
> can it do?
>
> (Please don't flame me for what I'm about to say). I'm not very interested

> in APRS, receiving 9600 data from the KitSats is boring unless someone likes
> to decode telemetry, Skycommand doesn't work with my TS-50S setup at home,
> and I can send and receive e-mails with my cell phone. At this point the
> only reason I can justify buying a TH-D7 is to connect to MIR and land BBS.
> Is that right? What other satellite can it connect too and will that work
> with a PalmPilot and a terminal program or will I need to buy a palmtop?
>
> Thanks
>
> Daniel

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20. [htaprs] Re: MIR, APRS, and everything

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 2 Jun 1999 17:16:09 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-23895-1999.06.02-16.22.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 2 Jun 1999, Greg Kulosa wrote:

> > In summary. Never change the UNPROTOCOL in the THD7 to anything other
> > than APK001 unless you want to operate a "private" net and ignore all
> > others on the channel...

> Well, what about the GPSxx TOCALL's to specify your icon?
> I use GPSLE (Horse) on my D7A when I am "equestrian mobile".

The TOCALL in the THD7 uses MIC-E format for all packeets except messages,
so your TOCALL contains your LATITUDE and MESSAGE data in those cases.
It only uses the UNPROTOCOL TOCALL for messages and in this case, the
GPSxxx would be ignored since it is not in a posit.

de WB4APR, Bob

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21. [htaprs] Re: MIR, APRS, and everything

From: Greg Kulosa <greg@gnac.com>
Date: Wed, 2 Jun 1999 14:49:10 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23908-1999.06.02-16.57.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > > In summary. Never change the UNPROTOCOL in the THD7 to anything other
> > > than APK001 unless you want to operate a "private" net and ignore all
> > > others on the channel...
>
> > Well, what about the GPSxx TOCALL's to specify your icon?
> > I use GPSLE (Horse) on my D7A when I am "equestrian mobile".
>
> The TOCALL in the THD7 uses MIC-E format for all packeets except messages,
> so your TOCALL contains your LATITUDE and MESSAGE data in those cases.
> It only uses the UNPROTOCOL TOCALL for messages and in this case, the
> GPSxxx would be ignored since it is not in a posit.

Oh. Good point. I guess I didn't think it all the way through (Sheepish
grin :-)

It could still apply in Packet mode, but not in APRS mode, since it uses
the MIC-E compressed format.

Oh well, I guess I will change it back to "APK001". :-)

> de WB4APR, Bob

--
Greg A. Kulosa | "The avalanche has already started, it is too
Systems Administrator | late for the pebbles to vote." - Ambassador Kosh

GNAC, Inc. |____
greg@gnac.com   999 Main Street - Redwood City, CA 94063

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22. [htaprs] Mobile Satellite COMMS!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 2 Jun 1999 18:07:47 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
        amsat-bb@amsat.org, sarex@amsat.org
Message-ID: <LYR845-23911-1999.06.02-17.13.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Amateur Mobile Satellite Comms easy!

It worked! While driving between work locations today, I held my Kenwood
THD7 out the window and kerchunked on MIR, and got a packet digipeated
on only the 4th try! THis was with a long rubber duck. and the 6volt
battery pack. Next I changed to the STOCK (poor) rubber duck and the 9.6
volt pack. Still I got into MIR after a few kerchunks!

I saw several other UI users too. But only two of them were sending APRS
UI packets which the Kenwood would receive. (see note below)

 On Wed, 2 Jun 1999, Bob Bruninga wrote:

> MIR will only be up for 2 more months. If you haven't tried to get a
> STATUS/POSIT packet via MIR from your Kenwood THD7, you might want to
> give it a try:
>
> Here are passes TODAY (wed) over USA. These are approximations for your
> area at the start of the pass. Pass should last about 10 minutes.
> Tune to 145.985.
>
>   PDT   MDT   CDT   EDT
>   ---- ---- ---- ----
>   1521 1624 1727 1830
>   1658 1800 1903 2005
>   1834 1937 2040 2142
>   2008 2110 2213 2316
>   2143 2247 2350 0052
>   2325 ...   .
>
> Be sure to set up your HT properly:
>
> 1) Set PATH to R0MIR
> 2) Be sure your position is entered.
>
> When you hear MIR, then manually originate some POSITS. Once your radio
> sees your own packet digiepated by showing you "MY PACKET", then you can
> be sure that everyone else saw you also, so stop sending.

Besides seeing the "MY PACKET" you can also check the PASS files on our
live MIR WEB page to see if you got digipeated: (of course our WEB page
receiver is in Maryland so it will only see east coast stations...)

   http://web.usna.navy.mil/~bruninga/mirex.html

The Kenwood HT only decodes APRS formatted packets. If you are not using
a kenwood or any other APRS program, then pleas do the following to make
sure that everyone sees your packets.

**** Set your UNPROTO to CQ via R0MIR

The normal APRS UNPROTO is APRS VIA MIR, but CQ also works...

de WB4APR, Bob

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23. [htaprs] RE: Why should I buy a TH-D7?

From: "Paul Lantz" <plantz@onlink.net>
Date: Wed, 2 Jun 1999 20:54:42
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23948-1999.06.02-21.00.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi from EO91 (Moosonee), I picked up my D7 in February and have had a lot
of fun with it, would be nice to have another one around here for a while.
I found APRS very busy in Toronto, found no APRS activity in a couple of
other places I went in Northern Ontario (Sault Ste Marie but people
interested and Thunder Bay), I have used D7 for packet (here that means
talking to myself until the other guy here (VE3CIJ gets his Kam back on the
air), have not yet successfully been picked up by MIR with D7 but want to
do that before MIR is gone. Hope to run into you when you are in this
area.
73
Paul
VE3KBL

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24. [htaprs] Success with Mir!

From: "Steve Sande" <kc0ezh@arrl.net>
Date: Wed, 2 Jun 1999 22:50:34
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23958-1999.06.02-22.56.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to Bob Bruninga (WB4APR) and Mark Fellhauer(KC7BXS) I was able to
get my TH-D7A set up and hit Mir on a pass over Denver at 9:10 PM local
time tonight. I got a couple of ??R□MIR hits on the HT display, then
thought I'd try sending a position packet. Almost immediately I got the "MY
PACKET" response, indicating I had digipeated through Mir. Coooool! Shortly
after I picked up KF4ERV-7 (Louisville, KY), who was mobile and blasting
through Mir with his TH-D7A, and KB8RWI (Rawlins, WY).

Definitely a lot of fun with 5W and a little mag mount dual-band antenna!
I'll keep trying this as long as Mir is operational.

73s!

KC□EZH

Steve Sande
Highlands Ranch, CO

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Re: Success with Mir!

From: "Harry Burford" <hburford@airmail.net>
Date: Wed, 2 Jun 1999 23:37:19 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23962-1999.06.02-23.43.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I too tried to hit MIR on the same pass tonight but was not successful.

Was reading the messages on this list and decided to give it a try. When I
learned that I only had about 15 minutes before the pass, I scoured the list
as well as Bob's web site for instructions for the D7 set up. Guessed at
the 145.985, and the via RØMIR and my position was already input. No luck
this time but I'll keep trying.

By an ironic coincidence a nearby local ham, almost a neighbor that I didn't
know was there, decided to also try tonight on the same pass, saw my call,
and sent me an email introduction greeting. He was trying to connect and
wasn't sending APRS so I didn't decode him.

Harry, KAØTTY

----- Original Message -----
From: Steve Sande <kc0ezh@arrl.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>

Sent: Wednesday, June 02, 1999 10:50 PM
Subject: [htaprs] Success with Mir!

> Thanks to Bob Bruninga (WB4APR) and Mark Fellhauer(KC7BXS) I was able to
> get my TH-D7A set up and hit Mir on a pass over Denver at 9:10 PM local
> time tonight. I got a couple of ??RØMIR hits on the HT display, then
> thought I'd try sending a position packet. Almost immediately I got the
"MY
> PACKET" response, indicating I had digipeated through Mir. Coooool!
Shortly
> after I picked up KF4ERV-7 (Louisville, KY), who was mobile and blasting
> through Mir with his TH-D7A, and KB8RWI (Rawlins, WY).
>
> Definitely a lot of fun with 5W and a little mag mount dual-band antenna!
> I'll keep trying this as long as Mir is operational.
>
> 73s!
>
> KCØEZH
>
> Steve Sande
> Highlands Ranch, CO
>
>
> ---
> You are currently subscribed to htaprs as: HBURFORD@AIRMAIL.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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26. [htaprs] Another VC question

From: "Gary S. Bargholz" <N9UUR@execpc.com>
Date: Wed, 2 Jun 1999 23:46:27 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23963-1999.06.02-23.52.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood has just released a new software package for
the VC-H1. It comes with a VC to PC cable....

Kenwood PC Connection Kit
KCT-24S
$60.00

Does anybody know anything about this?
Does it "download" pics from the VC to PC faster than
the original AOR software?
Can you print directly from the software?

60 bucks is a bit much for me to just "pick it up to try
it out" and answer a few questions. But worth it if the
problems in the AOR software are solved.

Any input appreciated.

Gary

_____

Gary Bargholz
http://www.execpc.com/~n9uur
AMSAT Area 9 Coordinator, Wisconsin
Chairman: W.A.R. The WI Association of Repeaters
Treasurer: M.R.C. The Milwaukee Repeater Club
Owner: N9UUR-10 Milwaukee APRServe IGate
_____

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27. [htaprs] Re: Another VC question

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Thu, 3 Jun 1999 07:59:25 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-23997-1999.06.03-07.06.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, the new program is FASTER!!!

I do not know if it can print, but I can look at it tonight to find out..

Keith

>Kenwood has just released a new software package for
>the VC-H1. It comes with a VC to PC cable....
>
>Kenwood PC Connection Kit
>KCT-24S
>$60.00
>
>Does anybody know anything about this?
>Does it "download" pics from the VC to PC faster than
>the original AOR software?
>Can you print directly from the software?
>
>60 bucks is a bit much for me to just "pick it up to try
>it out" and answer a few questions. But worth it if the
>problems in the AOR software are solved.
>
>Any input appreciated.
>
>Gary
>

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] Libretto cable

From: "Keith Schlottman" <schlottk@mmsi.com>
Date: Thu, 3 Jun 1999 08:46:08 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Jack Bivin" <jbivin@rtd.com>
Message-ID: <LYR845-24017-1999.06.03-10.52.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've got a friend who is trying to hook up his Toshiba Libretto 50 to his
new TH-D7. He's testing it with winAPRS Lite. The Libretto is a tiny
notebook but it runs full Win 95. His cable appears to be wired properly but
the computer and the radio don't seem to be talking to each other. Also the
Libretto appears to generate some heavy noise on 144.39.

Any advice?

tnx de KR7RK

Keith D. Schlottman, CPA
Modular Mining Systems, Inc.
e-mail: <schlottk@mmsi.com>
corporate web site: <http://www.mmsi.com>

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29. [htaprs] Re: Libretto cable

From: "Gerald Schmitt" <kk5yy@arrl.net>
Date: Thu, 3 Jun 1999 11:37:26
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24020-1999.06.03-11.43.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a Libretto 50 and have been using it with the
TH-D7A with no problems. I have even hooked up the GPS
in parallel with the Libretto so as to be doing APRS with
the TH-D7A and having my Street Atlas running to give me
my position.

The only interference problem I have encountered with the
Libretto was with the GPS when it was less than a meter from
from the Libretto and the Libretto was accessing the HDD.
Since I have upgraded to the 4.3GB disk even that problem
has gone away.

What I have not been able to accomplish is the get APRS+SA
going with the TH-D7A. I have dropped a note to the author
but no joy so far. Any help with this would be appreciated.

                          73 de Jerry KK5YY

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30. [htaprs] APRS+SA and TH-D7A help please

From: "Gerald Schmitt" <kk5yy@arrl.net>
Date: Thu, 3 Jun 1999 11:41:27
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24023-1999.06.03-11.47.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Howdy All,

I have a new TH-D7A and would like to use it with APRS+SA.
Have any of you successfully done this and if so what are
the parameters needed?

I am rather committed to SA as I got to Alaska a lot and
their coverage is great there. Any hint of tips will be
greatfull received.

My current setup is a GPS-12XL, a Libretto, and the TH-D7A.

                          73 Jerry KK5YY

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31. [htaprs] D7 SOFTWARE ERROR

From: c_watson@asi.admworld.com
Date: Thu, 3 Jun 1999 11:56:58 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24027-1999.06.03-13.02.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It may just be my wiring but according to the manual I have everything wired
correct. My problem comes when I run the program off of the Kenwwood page
and I try to "Read" and "Write" to the D7. I get a message that says
Communications Timeout Error.

Did I wire it up backwards? Is the radio supposed to have TNC on? There
sure isn't enough directions with Kenwoods software.

Thanks for the Help All
Clayton Watson
KB0WZI
c_watson@asi.admworld.com

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32. [htaprs] Re: [sarex] Mobile Satellite COMMS!

From: "Jim R." <smokesigs@baraboo.com>
Date: Thu, 03 Jun 1999 14:02:07 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Message-ID: <LYR845-24056-1999.06.03-16.16.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:
>
> Amateur Mobile Satellite Comms easy!
>
> It worked! While driving between work locations today, I held my Kenwood
> THD7 out the window and kerchunked on MIR, and got a packet digipeated
> on only the 4th try! THis was with a long rubber duck. and the 6volt
> battery pack. Next I changed to the STOCK (poor) rubber duck and the 9.6
> volt pack. Still I got into MIR after a few kerchunks!
>
> I saw several other UI users too. But only two of them were sending APRS
> UI packets which the Kenwood would receive. (see note below)
>
> On Wed, 2 Jun 1999, Bob Bruninga wrote:
>
> > MIR will only be up for 2 more months. If you haven't tried to get a
> > STATUS/POSIT packet via MIR from your Kenwood THD7, you might want to
> > give it a try:
> >
> > Here are passes TODAY (wed) over USA. These are approximations for your
> > area at the start of the pass. Pass should last about 10 minutes.
> > Tune to 145.985.
> >
> >   PDT   MDT   CDT   EDT
> >   ---- ---- ---- ----
> >   1521 1624 1727 1830
> >   1658 1800 1903 2005
> >   1834 1937 2040 2142
> >   2008 2110 2213 2316
> >   2143 2247 2350 0052
> >   2325 ...   .
> >
> > Be sure to set up your HT properly:
> >
> > 1) Set PATH to R0MIR
> > 2) Be sure your position is entered.
> >
> > When you hear MIR, then manually originate some POSITS. Once your radio
> > sees your own packet digiepated by showing you "MY PACKET", then you can
> > be sure that everyone else saw you also, so stop sending.
>
> Besides seeing the "MY PACKET" you can also check the PASS files on our
> live MIR WEB page to see if you got digipeated: (of course our WEB page
> receiver is in Maryland so it will only see east coast stations...)
>
>   http://web.usna.navy.mil/~bruninga/mirex.html
>
> The Kenwood HT only decodes APRS formatted packets. If you are not using
> a kenwood or any other APRS program, then pleas do the following to make
> sure that everyone sees your packets.
>
> **** Set your UNPROTO to CQ via R0MIR
>
> The normal APRS UNPROTO is APRS VIA MIR, but CQ also works...
>
> de WB4APR, Bob
>
> ----
> Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> To unsubscribe, send "unsubscribe sarex" to Majordomo@amsat.org

A fantastic opportunity to meld APRS, MIREX, and GPS, and to show just
how much can be done with this system, and using minimal equipment at
that!

I note where Denali is in AK. I don't know Mir's current footprint, but
certainly at least western/northern Canadian hams will see those frames,
and possibly some of us here in the midwest/northern and

western/northern tier of states, if the pass is "just right". Good luck
and have a great adventure!
--
Best regards, Jim Romelfanger, K9ZZ
SPECIAL EVENT STATIONS W 9 C and W 9 R IN EARLY JULY!
W9R - GREAT CIRCUS TRAIN. W9C - MILWAUKEE SHOWGROUNDS.
Train operation info - mail me back. Both operations in
July 1999 QST.
WISCONSIN QSO PARTY results will be available at:
http://www.execpc.com/WARAC
GET A VIRUS ALERT? Before you pass it on, please point to
http://www.av.ibm.com/BreakingNews/HypeAlert/ or
http://msc.baraboo.com/support/email_hoax.htm
LIKE CIRCUS? CHECK OUT http://www.circusparade.com or
http://www.circusworldmuseum.com
Railroad info and tickets:
http://www.wsorrailroad.com/circusticket.html

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33. [htaprs] Re: Success with Mir!

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 3 Jun 1999 19:28:41 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga, WB4APR" <bruninga@nadn.navy.mil>
Message-ID: <LYR845-24064-1999.06.03-18.34.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/2/99 10:50 PM, Steve Sande (kc0ezh@arrl.net) passed this wisdom:

>Thanks to Bob Bruninga (WB4APR) and Mark Fellhauer(KC7BXS) I was able to
>get my TH-D7A set up and hit Mir on a pass over Denver at 9:10 PM local
>time tonight. I got a couple of ??RÿMIR hits on the HT display, then
>thought I'd try sending a position packet. Almost immediately I got the "MY
>PACKET" response, indicating I had digipeated through Mir. Coooool! Shortly
>after I picked up KF4ERV-7 (Louisville, KY), who was mobile and blasting
>through Mir with his TH-D7A, and KB8RWI (Rawlins, WY).
>
>Definitely a lot of fun with 5W and a little mag mount dual-band antenna!
>I'll keep trying this as long as Mir is operational.

 Me too .... I used my D7 and a hand held single element two meter beam
(Antennaco) and hit MIR with a successful digipeat when it was barely 10
degrees above horizon on the front end of AOS for orbit 75968. Then I
copied APRS packets from KB8RWI (no position set). I sent three more and
one of them got digipeated, I then copied VE3XF-2 (grid EN34WK) and then
KA3ONZ (FN20EN -Breinigsville, PA), there were bunch of "?? R0MIR"
whihc I must assume were conventional digipeats or PBBS stuff.

I went to <http://web.usna.navy.mil/~bruninga/mirpass.htm> but no updated
files since 24 hours ago? Bob ?? is the Mirex server down?

 Tomorrow's passes here will be better, I have one right over my head I
iwll try the plain vanilla duck on that one ...

 ... such a simple thing, but to this jaded not as young as he used to be
guy its was a thrill ... Bob, thanks ... that did it! I am really hooked
now! Come on Bob, what can we do to resurrect the Weber mini-sat you
started on but got torpedoed by Commerce.

Oh yeah, for what its worth my Garmin GPS II+ arrived today and I will be
busy soldering cables to nite ... YESSSSSSSSSS!!!!!!!

73 de brian, ka2bqe

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "Give a man a fish and you have fed him for a day, but give him a case
  of dynamite and soon the village will be showered with mud and
  seaweed and unidentifiable chunks of fish." -Joe Chew

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34. [htaprs] R0MIR

From: "Larry (Woody) Bateman" <lwoody@micron.net>
Date: Thu, 03 Jun 1999 17:40:31 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24068-1999.06.03-18.46.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Listening for Mir's signal on my TH-D7A at 16:53 MDT in Boise, ID. and
received a posit from N6GPS-6. According to his position he should have
been at the intersection of Furlong and East in Hollister, CA. This is
cool stuff!

==========
Larry (Woody) Bateman
Amatuer callsign: KB7WWP
Web Page: http://netnow.micron.net/~lwoody
Email: lwoody@micron.net

Where am I?
My Home-------http://maps.aprs.net/kb7wwp
My Truck------http://maps.aprs.net/kb7wwp-14
My Hangglider-http://maps.aprs.net/kb7wwp-7 (Weekends only)

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35. [htaprs] Re: Success with Mir!

From: "Steve & Kelley Jones" <sdjones@sympatico.ca>
Date: Thu, 03 Jun 1999 21:07:12 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga, WB4APR" <bruninga@nadn.navy.mil>
Message-ID: <LYR845-24076-1999.06.03-20.14.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I then copied VE3XF-2 (grid EN34WK)

If it was Thursday night's pass around 1830edt then you got me just
outside the house on my way to vote in our provincial election. Had
the d7 with long rubber duckie in one hand and was pulling the wagon
full of kids with the other. Even the wife was somewhat impressed by
it all.

--
Steve <sdjones@sympatico.ca>

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36. [htaprs] Re: Success with Mir! 75969 was busy

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 3 Jun 1999 21:15:47 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24077-1999.06.03-20.21.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The next pass (orbit #75969) after 8pm was even better, lots of activity

I digipeated again and also copied

   W4DJV (Dan, Warrenton, VA, FN18DS)
   WB4APR-7 (FM19QD - hmmm wonder who this is?)
  KD4HTW (LLoyd APRSmax837, FM04AE)

I had a bunch of "?? R0MIR" packets and a "??N5xxx" I don't remember what
the rest of the call was)

For me this was a higher pass and stayed active for nearly 8 minutes.

I tried to send a message to WB4APR-7 text was "HI" - it was never ACKed,
but that does not surprise me, Bob, did you get it?

  73 de brian, ka2bqe

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "One of the deep mysteries to me is our logo, the symbol of lust
   and knowledge, bitten into, all crossed with in the colors of the
   rainbow in the wrong order. You couldn't dream of a more
   appropriate logo: lust, knowledge, hope, and anarchy."
   -- Gassee - Apple Logo

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] Re: Success with Mir!

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 3 Jun 1999 21:20:07 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24078-1999.06.03-20.26.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/3/99 9:07 PM, Steve & Kelley Jones (sdjones@sympatico.ca) passed
this wisdom:

>> I then copied VE3XF-2 (grid EN34WK)
>
>If it was Thursday night's pass around 1830edt then you got me just
>outside the house on my way to vote in our provincial election. Had
>the d7 with long rubber duckie in one hand and was pulling the wagon
>full of kids with the other. Even the wife was somewhat impressed by
>it all.
>
 ohhhhhhh ... soooooo .... why was you icon a "house" ... should been
,,,, hmmmm ... hey Kenwood, we need a Radio Flyer wagon icon!!!!!
<giggle>

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "They that can give up essential liberty to obtain a little temporary
  safety deserve neither liberty nor safety." -- Ben Franklin, ~1784

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38. [htaprs] D7 to GPS 3+

From: Brian Fulmer <bfulmer@ix.netcom.com>
Date: Thu, 03 Jun 1999 23:55:18 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24099-1999.06.03-23.04.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello All,
        Since I'm new to this list the answer to this question, probably has
already been posted.

Ok! here are the gory details.)I have a TH-D7 and a Garmin GPS 3+, I am
trying to connect together. I have build a cable using the 2.5mm cable
that came with the D7, and a Garmin 4 pin connection cable. The pinout
I am using is as follows:)the sheild(2.5mm) & the ground (black 4pin
gps connector) are tied together.)Ring(2.5mm-data in-red) to the data
out (brown 4pin gps).)tip(2.5mm-data out-white) to the data in (white
4pin gps). As far as I can tell this cable seems to be working.

My problem is sometimes the D7 will recieve the longitude & Latitude
info from the gps.)With the power turned off, I connect the cable
between the D7 & gps.)First I power up the D7, & turn on the tnc
function.   )Then I turn on the gps, and after a series of beeps as the
gps boots up, I hit the pos key. The display is zeros, with the degree
symbol blinks, as if it is trying to lock onto the data from the gps.
My question is: is this the way to power up the devices, or am I doing

it wrong. Sometimes when I follow this procedure; it will lock on and
display the info from the gps. The other times it does not recieve any
data.

        Any help in this matter will be greatly appreciated.

                                tia
                                Brian

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39. [htaprs] Re: Success with Mir!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 00:03:46 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-24100-1999.06.03-23.09.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> ...Guessed at the 145.985, and the via RØMIR and my position was already
> input. No luck this time but I'll keep trying.

Since I began this thread, I have been outside for almost all East coast
passes and have been successful on every one. Using only the HT and
rubber duck antenna. Here is my procedure:

1) Rotate HT while watching signal meter to find best polarization. DO
   this throughout the pass..

2) When radio is silent and no BBS downloads are in progress, then just
   press the BCON button to force an immediate posit. Do this every
   now and then when you think the channel is clear. Dont over do it
   since you are adding QRM to the rest of us.
   Once you are successful by seeing MYPACKET displayed, then stop.

3) Pre-load a BLN# brag message. Similarly, hit MSG-TRANSMIT buttons to
   transmit the message. When you see MY PACKET, then that also was
   successful. Select the message and hit DEL to cancel it.

4) If you see any other APRS user get through, hit LIST, then MSG button
   and then enter "hi!" and out goes that message. Hit MSG-XMIT to
   get it through until you see the MY PACKET confrimation. Then
   also cancel it.

Notice that Each time you hit the MSG-TRANSMIT button, that ALL of your
outstanding messages are transmitted at once, so that is why it is best
to only send one at a time until MY-PACKET so that you KNOW which one
got through and so that you are not sending LONG MULTI-LINE QRM.

Put your EMAIL in your APRS STATUS if you want QSL's. Do NOT expect
ACKS, They are only QRM and chances are so small as to be useless.
Remember, if you see "MY PACKET" then you know it got through MIR and
the other station 'probably' captured it. STOP sending at that point.

If you get a posit through early and a msg too, then it is probably OK to
try to get another set through towards the end of the pass too, since MIR
will then be over a different set of users. But repeated attempts close
together is just hogging it. Leave room for the other guy...

NOT EVERY THD7 user is on this SIG. Please consider posting a normal
APRS BULLETIN on your APRS network announcing the fun we are having. The
bulletin should encourage THD7 users mostly. If we get APRS users with
their LONG POSITS and BIG STATUS packets over on MIR, we will certainly
kill the golden GOOSE! Make this clear. We are testing SATELLITE HT
communications, NOT general APRS...

THey are welcome to listen, but lets let only the 5 watt HT's transmit for
now... and see where we go from here...

de WB4APR, bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

40. [htaprs] Walkie-Talkie MIR tests

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 00:46:36 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
htaprs@tapr.org
Message-ID: <LYR845-24108-1999.06.03-23.53.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here are some (edited) results of the HT messaging tests via MIR:

KB7WWP: Listening for Mir on my TH-D7A in Boise, ID. and received a posit from N6GPS-6. ... he was at the intersection of Furlong and East in Hollister, CA. (over 380 miles away) This is cool stuff!

SD JONES: I then copied VE3XF-2 (grid EN34WK) ... I was outside the house on my way to vote in our provincial election. Had the D7 with long rubber duckie in one hand and was pulling the wagon full of kids with the other. Even the wife was somewhat impressed!

KC0EZH: I got my TH-D7A set up and hit Mir on a pass over Denver tonight. I sent a position packet. Almost immediately I got the "MY PACKET" response, indicating I had digipeated through Mir. Coooool! Shortly, I picked up KF4ERV-7 (Louisville, KY), who was mobile and KB8RWI (Rawlins, WY). Definitely a lot of fun with 5W and a little mag mount dual-band antenna!

KA2BQE: Me too .... I used my D7 and hit MIR with a successful digipeat when it was barely 10 degrees above horizon. I copied 3 other APRS UI packets and sent 3 of my own.... one more of them got digipeated, that did it! I am really hooked now!

SUMMARY: These are only 5 watt HT's with rubber ducks (- 3 dB) so they should not be interfering with any other legitimate 25 watt or more station who may need access to the Mir BBS. We are not encouraging other higher power stations to join the fun, because it will only kill the success of the HT's. What we are trying to do is demonstrate that simple APRS digipeaters in space can provide worldwide messaging capability from handhelds.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] Re: Walkie-Talkie MIR tests

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 00:57:13 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24120-1999.06.04-00.03.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

MIRtest: The one thing we are demonstrating this week with the MIR as a UI digipeater, is the APRSat concept. Besides APRS Map displays, the other keys to the success of terrestrial APRS is the use of "generic" digipeating, and ONE nationwide frequency. Every APRS digipeater has the same ALIAS of "WIDE" and all 500 of them are on ONE continent-wide freq. Thus, Mobile users and travelers do not have to know anything about the network. They just turn on the radio and transmit VIA as many WIDE's as needed to cover the area of interest.

Now, Imagine, if some of the AMSATS (MIR, ISS and Shuttle too) in orbit carried an APRS digipeater all with the same alias of APRSAT, also on one common UPLINK. THen anyone on the planet, anywhere simply sends his message via APRSAT and he can communicate with anyone within 1500 km. THe more of these satellites the better. ALL on the same freq and whatever orbits we can get. Thus, for each satellite, we might get 6 more passes each. It is trivial to hit a satellite with a 5W HT. In fact, even 0.5W would work on 2 meters.

I have submitted a Freq request to AMSAT for such an APRS uplink. There are both opportunites and problems here:

1) 2 meters is ideal since it takes much less power and has less doppler than 70cm, but there are no 2m frequencies left (unless we

share with some exsiting satellites). ALthough the gain to amateur
radio (in having our own "irridium" type HT worldwide coverage) is
phenominal, the politics is probably just too hard to get a 2m freq.

2) 70 cm could work as the uplink, since mobiles can afford the
additional 8 dB power, but it makes HT operation harder. The Satelites
would use wide band receivers (30 KHz) so that they are immune to
doppler (another 3 dB link penalty)

3) The DOWNLINK must be on 2 meters tho, because of the 8 dB or more
advantage for the omni-Satelllite-to-omni-HT link. Thus, a 1 watt
spacecraft (about a 5 inch or smaller NANOSAT) could do the job.
Over the North American continent, the downlink would be WELCOME on the
existing continent wide 144.39 frequency. Everyone could hear it, and
its low power would NOT interfere with other, even, emergency
communications during its brief passes.   But I dont know what to do
about Europe or the rest of the world.

4) OPerating on a 70cm uplink and a 2m downlink will NOT work with
the existing all-in-one Kenwood APRS Data radio, because the built-in
TNC can only select one-band at a time.   Thus to make use of these
few thousand radios as shirt-pocket world-wide satellite communicators,
the UPLINK must also be on 2 meters. (The uplink cannot be on 144.39
though, because the hundreds of users there already would be too much
QRM for the mobiles and HT's to get through.

CONCLUSION? There is much more to discuss here, but I hope you see the
point. Just think in terms of an AMATEUR RADIO version of the worldwide
satellite HT communications capability (one-line messages only).
If we could get this vision across, then maybe we could find a permament 2
meter UPLINK and downlink that would be supported by all AMSAT
organizations. ALso, everyone could build their OWN satellites to
contribute without competition for frequencies since we can all share the
same one without problems!

INTERNET: OH yes, all packets on the downlink would be distributed
worldwide by the existing APRServe internet system, so that a packet
originated ANYWHERE can get to ANYWHERE in real time. This is also
a facet of APRS that makes it so universal. The terrestrial APRS
system does this very well in populated areas, but it can never cover
the 70% of the planed covered by water and the 70% of all land that
has low population density. ANd it is THOSE areas where we need
mobile, shirt pocket satellite messaging capability!

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Re: D7 SOFTWARE ERROR

From: Walter Dunckel <wdunckel@best.com>
Date: Thu, 03 Jun 1999 22:07:26 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-24122-1999.06.04-00.16.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I tend to get a few timout errors myself, but after a few tries, you
should be able to get it to work. I bet you have it wired backwards.
This is easy to do, because the directions are a little fuzzy in
Kenwoods manual.

Look on page 54 of the manual that came with the D7a.
Now look at the 2.5mm connector shown on this page. It
shows TXD and RXD with references to a shaded area below them. The
markings on the connector are the TH-D7's TXD and RXD! NOT the PC's. So
really you want to hook them backwards, or at least read the shaded
section. Good luck!

Walter
http://www.radiohound.com

c_watson@asi.admworld.com wrote:
>

> It may just be my wiring but according to the manual I have everything wired
> correct. My problem comes when I run the program off of the Kenwwood page
> and I try to "Read" and "Write" to the D7. I get a message that says
> Communications Timeout Error.
>
> Did I wire it up backwards? Is the radio supposed to have TNC on? There
> sure isn't enough directions with Kenwoods software.
>
> Thanks for the Help All
> Clayton Watson
> KB0WZI
> c_watson@asi.admworld.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Re: Walkie-Talkie MIR tests

From: "Harry Burford" <hburford@airmail.net>
Date: Fri, 4 Jun 1999 08:11:28 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24158-1999.06.04-08.17.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This sounds exciting. But from experience, I can recall an example of 2
local digipeaters. One at the 1100' level of a tower and the other on top
of a 125' water tower. The 1100' digipeater was virtually deaf due to
packet overload. The 125' digipeater enjoyed incredibly large coverage.
Unless there would also be some plan for a 'good operator practice' in the
use of such a satellite, then how would this be handled? FM capture would
allow the strongest signal to win. High power would rule and the concept of
a low power HT access might be lost. I like your concept, however and it
would be fun to see it working.

Have you considered a different track on this? What would it take to pop a
bulkhead BNC connector on the bottom of a commercial jet crossing the
country? At least there if something broke or needed adjustment, it could
be done, where a satellite would be lost. I think it was the Burt Ruttann
group that designed a plane that could be parked at 60K feet for 18 hour
shifts. The plane was designed to be a repeater in the sky and service
phone and pagers with no need for a bunch of towers on the ground. The
concept was that about 40 of these could blanket the continental US.   There
is a URL and an article about this, I'll dig it up and post it.

Harry, KAØTTY

----- Original Message -----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Thursday, June 03, 1999 11:57 PM
Subject: [htaprs] Re: Walkie-Talkie MIR tests

> MIRtest: The one thing we are demonstrating this week with the MIR as
> a UI digipeater, is the APRSat concept. Besides APRS Map displays, the
> other keys to the success of terrestrial APRS is the use of "generic"
> digipeating, and ONE nationwide frequency. Every APRS digipeater has
> the same ALIAS of "WIDE" and all 500 of them are on ONE continent-wide
> freq. Thus, Mobile users and travelers do not have to know anything
> about the network. They just turn on the radio and transmit VIA as
> many WIDE's as needed to cover the area of interest.
>
> Now, Imagine, if some of the AMSATS (MIR, ISS and Shuttle too) in orbit
> carried an APRS digipeater all with the same alias of APRSAT, also on
> one common UPLINK. THen anyone on the planet, anywhere simply sends
> his message via APRSAT and he can communicate with anyone within 1500
> km. THe more of these satellites the better. ALL on the same freq and
> whatever orbits we can get. Thus, for each satellite, we might get 6
> more passes each. It is trivial to hit a satellite with a 5W HT. In
> fact, even 0.5W would work on 2 meters.
>
> I have submitted a Freq request to AMSAT for such an APRS uplink. There
> are both opportunites and problems here:
>
> 1) 2 meters is ideal since it takes much less power and has less
> doppler than 70cm, but there are no 2m frequencies left (unless we
> share with some exsiting satellites). ALthough the gain to amateur

> radio (in having our own "irridium" type HT worldwide coverage) is
> phenominal, the politics is probably just too hard to get a 2m freq.
>
> 2) 70 cm could work as the uplink, since mobiles can afford the
> additional 8 dB power, but it makes HT operation harder. The Satelites
> would use wide band receivers (30 KHz) so that they are immune to
> doppler (another 3 dB link penalty)
>
> 3) The DOWNLINK must be on 2 meters tho, because of the 8 dB or more
> advantage for the omni-Satelllite-to-omni-HT link. Thus, a 1 watt
> spacecraft (about a 5 inch or smaller NANOSAT) could do the job.
> Over the North American continent, the downlink would be WELCOME on the
> existing continent wide 144.39 frequency. Everyone could hear it, and
> its low power would NOT interfere with other, even, emergency
> communications during its brief passes.   But I dont know what to do
> about Europe or the rest of the world.
>
> 4) OPerating on a 70cm uplink and a 2m downlink will NOT work with
> the existing all-in-one Kenwood APRS Data radio, because the built-in
> TNC can only select one-band at a time.   Thus to make use of these
> few thousand radios as shirt-pocket world-wide satellite communicators,
> the UPLINK must also be on 2 meters. (The uplink cannot be on 144.39
> though, because the hundreds of users there already would be too much
> QRM for the mobiles and HT's to get through.
>
> CONCLUSION? There is much more to discuss here, but I hope you see the
> point. Just think in terms of an AMATEUR RADIO version of the worldwide
> satellite HT communications capability (one-line messages only).
> If we could get this vision across, then maybe we could find a permament 2
> meter UPLINK and downlink that would be supported by all AMSAT
> organizations. ALso, everyone could build their OWN satellites to
> contribute without competition for frequencies since we can all share the
> same one without problems!
>
> INTERNET: OH yes, all packets on the downlink would be distributed
> worldwide by the existing APRServe internet system, so that a packet
> originated ANYWHERE can get to ANYWHERE in real time. This is also
> a facet of APRS that makes it so universal. The terrestrial APRS
> system does this very well in populated areas, but it can never cover
> the 70% of the planed covered by water and the 70% of all land that
> has low population density. ANd it is THOSE areas where we need
> mobile, shirt pocket satellite messaging capability!
>
> de WB4APR, Bob
>
>
>
>
>
> ---
> You are currently subscribed to htaprs as: HBURFORD@AIRMAIL.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] Re: [amsat-bb] Walkie-Talkie MIR tests

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 09:36:19 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
htaprs@tapr.org
Message-ID: <LYR845-24163-1999.06.04-08.43.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you have a Kenwood HT or other QRP (5w packet station) and want to
test your handheld satellite communicator, here are today's (FRI) MIR
passes over the USA. Times are approx beginning of pass.

PDT	MDT	CDT	EDT
...	...	1155	1254
...	1228	1328	1428
1300	1403	1505	1608
1436	1538	1641	1644

```
1613  1715  1818  1921
1749  1852  1954  2057
1924  2027  2130  2233
2100  2203  2306  ...
2238

Passes are about 8 minutes long on 145.985.
Please, unless you are using BBS, send UI packets only via R0MIR, and low
power (5w).  NEVER try to connect to someone.  Once you see your UI packet
digipeated, consider it success, and stop sending.

If someone is using BBS, wait till he is finished.

de WB4APR, Bob



---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

45. [htaprs] Walkie-Talkie MIR tests (fwd)

```
From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 09:54:08 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24171-1999.06.04-09.00.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Doc sent in these packets captured in central calif from 13 users.  Note
the 1 watt station...

From: "Dr Dave Larsen [ PhD ]" <doc@volcano.net>

2035 PDT:
N6GPS-7>R0MIR*>SV5QQT (UI):`14l </>Hello from Hollister
WD6BFC>R0MIR*>TPTPPP  (UI):`22l n\>Chuck testing TH-D7A
KB8RWI>R0MIR*>BEACON  <UI>: _QTH_548_W.DAVIS_ST._RAWLINS,WY._82301_-Email-
AB0GD-1>R0MIR*>DN70KM <UI>::WD6BFC   :hello Chuck{027
AB0GD-1>R0MIR*>DN70KM <UI>:]-[1 watt HT - Fort Collins, Colorado
KC5JOE-7>R0MIR*>SSPP9R(UI):`}ZHl K\>hbeck@flash.net
KC7ZRU>R0MIR*>DN71    <UI>:Greetings from Laramie, WY   kc7zru@arrl.net
WD6BFC>R0MIR*>TPTPPP  (UI):`22l n\>Chuck in Redding CA
VE6DHW>R0MIR*>APRS    [UI]::AB0GD-1  :hi there. 73{000
KC7ZRU>R0MIR*>DN71    <UI>:Hello Lumpy! Just sent you email about your
WA6YET>R0MIR*>EM36EJ  [UI]:hello
KC7ZRU>R0MIR*>DN71    <UI>:Hello Lumpy! Just sent you mail via APRS SIG
KC5JOE-7>R0MIR*>SSPP9R(UI):`}ZHl K\>hbeck@flash.net
SERGEI>R0MIR*>SWRSWQ  (UI):`2\$l K\>Help MIR! Send money
W6EY>R0MIR*>CN70WX    <UI>:evening
W7AI-7>R0MIR*>S2QWSS  (UI):`'\tl [/>


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

46. [htaprs] Re: [amsat-bb] Walkie-Talkie MIR tests

```
From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 11:14:00 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
        htaprs@tapr.org
Message-ID: <LYR845-24183-1999.06.04-10.20.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
MIR passes in EDT had an error.  Here is correct one: Sorry...
>
> PDT   MDT   CDT   EDT
> ----  ----  ----  ----
> ...   ...   1155  1254
> ...   1228  1328  1428
> 1300  1403  1505  1608
> 1436  1538  1641  1744 <= this one was erroneously posted as 1644
> 1613  1715  1818  1921
> 1749  1852  1954  2057
> 1924  2027  2130  2233
> 2100  2203  2306  ...
> 2238
```

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] Walkie-Talkie MIR tests (fri)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 13:12:33 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
htaprs@tapr.org
Message-ID: <LYR845-24219-1999.06.04-12.19.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oh well.... MIR was NOT on packet on todays 1st pass. bummer

> > PDT MDT CDT EDT
> > ---- ---- ---- ----
> > ... ... 1155 1254 <=== nothing heard!
> > ... 1228 1328 1428
> > 1300 1403 1505 1608
> > 1436 1538 1641 1744
> > 1613 1715 1818 1921
> > 1749 1852 1954 2057
> > 1924 2027 2130 2233
> > 2100 2203 2306 ...
> > 2238
>
>
>
> ---
> You are currently subscribed to aprsnews as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-aprsnews-1106H@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] Lumpy (or you) and Mir

From: "Chris verbil" <chris_verbil@trimble.com>
Date: Fri, 4 Jun 1999 12:20:7
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24224-1999.06.04-12.26.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>Seeing some stations but I guess I'm
just not making the trip TO Mir.<<

If the altitude of the Mir pass is decent (say, above 30 degrees elevation
above horizon), you should be able to hit the satellite. I have been able
to do it using a Comet 24" flexi-whip on my Kenwood HT at 5w. We have also
been using a portable 2m yagi with another Kenwood rig, and believe it or
not, the whip antenna seems to work more reliably than the beam.

>>'Can't get there from here' I guess.<<

Yes you can. I guarantee you can..you probably have just been trying on
not-so-optimal passes.

>>Still confused about the how to tell when the pass is.<<

The gsoc.dlr site from Germany only lists "visible" passes, in other words
when the sky is dark. That web site is designed for sky watchers, not
radio folks who don't care whether it is night or day.

Obviously, the Mir continues to orbit during daylight hours. I might
recommend you use the following sites to figure out where Mir is:

(real time display with projected next orbit track):
http://www2.gsoc.dlr.de/scripts/satvis/mirorbit.asp?lat=37.355564&lng=-122.075518%20%20%20&loc=Los+Altos
&TZ=PST

Please note, the above URL has my home coordinates already bookmarked. If
you are using the gsoc.dlr web site already for visible satellite passes,
then this URL will reflect your qth instead.

WinOrbit is a program to download from the net that is a real-time and
projected satellite display program that you can customize:

http://www.sat-net.com/winorbit/download.html

You will need to get the Keplerian elements (orbital geometry) for Mir.
These can be found at:

http://www.celestrak.com/NORAD/elements/stations.txt

Save this file as an entry in the \KEPS subdirectory of WinOrbit.

It will take some playing around for you to realize the value of WinOrbit.
But after you are comfortable with it, you will be able to predict
accurately when there will be good passes over your qth. I look forward to
bouncing a message to you from California.

Chris
N5CV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Re: Walkie-Talkie MIR tests (fri)

From: "Paul Knupke Jr." <pk@ij.net>
Date: Fri, 4 Jun 1999 13:18:32 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24231-1999.06.04-12.28.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Oh well.... MIR was NOT on packet on todays 1st pass. bummer

I listened too and heard nothing ....

The next pass here is at 2:30-2:39 EDT but very low on the horizon.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Connecting Equipment for Remote Control

From: "Daniel Lavoie" <lavoied@istar.ca>
Date: Fri, 4 Jun 1999 17:28:50 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24235-1999.06.04-12.43.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I downloaded the TH-D7 off the Kenwood web site. On page 96, there is a
circuit with the caption: "Make connections as shown when remotely
controlling equipment."

I didn't see anywhere else in the manual where remote controlling equipment
is described unless they are referring to SkyCommand. I see on page 94,
that the SMC-33 (remote control speaker mike) has 3 push buttons just as in
the circuit. Is that what's that for, and how would I go about programming
the TH-D7 for each of the 3 buttons as in the circuit diagram.

Daniel

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] Re: Connecting Equipment for Remote Control

From: Karl Salisbury <cruz@magicnet.net>
Date: Fri, 4 Jun 1999 13:50:28 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-24237-1999.06.04-12.56.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

refer to page 44 of the manual for information on programming those three
keys/switches.

Karl

On Fri, 4 Jun 1999, Daniel Lavoie wrote:

> Date: Fri, 4 Jun 1999 17:28:50 +0100
> From: Daniel Lavoie <lavoied@istar.ca>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Subject: [htaprs] Connecting Equipment for Remote Control
>
> I downloaded the TH-D7 off the Kenwood web site. On page 96, there is a
> circuit with the caption: "Make connections as shown when remotely
> controlling equipment."
>
> I didn't see anywhere else in the manual where remote controlling equipment
> is described unless they are referring to SkyCommand. I see on page 94,
> that the SMC-33 (remote control speaker mike) has 3 push buttons just as in
> the circuit. Is that what's that for, and how would I go about programming
> the TH-D7 for each of the 3 buttons as in the circuit diagram.
>
> Daniel
>
>
> ---
> You are currently subscribed to htaprs as: cruz@magicnet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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52. [htaprs] Re: More on Lumpy (or you) and Mir

From: Chris Verbil <Chris_Verbil@Trimble.COM>
Date: Fri, 4 Jun 1999 10:50:26 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24240-1999.06.04-12.58.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have calculated the following passes for you in Fort Collins through
Sunday night. These are start of pass times MDT:

Today (Fri, 6/4)

1403
1540
1852
2027

Tomorrow (Sat, 6/5)

1255
1431
1607
1743
1918
2054

Sun, 6/6

1321
1457
1635
1810
1945

I used a 10 degree elevation filter so anything that rises less than 10 is
not shown here. All of these passes will be above 10 degrees, even that

might be a problem if it is a low pass to the west of you.

But most of these should be good for you. The absolute best passes for you
to try are:

Today at 1403 to 1413, max elevation 88 degrees, almost right overhead!

Tonight at 2027 to 2037, max elevation 70 degrees.

Sunday at 1321 to 1331, max elevation 76 degrees.

Sunday at 1945 to 1955, max elevation 60 degrees.

Good luck!

Chris
N5CV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] Re: More on Lumpy (or you) and Mir

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 14:23:18 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-24245-1999.06.04-13.29.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Remember, though, that on weekends the downlink shifts over to SSTV....
(sometimes) so there is no packet...

bob

On Fri, 4 Jun 1999, Chris Verbil wrote:

> I have calculated the following passes for you in Fort Collins through
> Sunday night. These are start of pass times MDT:
>
> Today (Fri, 6/4)
>
> 1403
> 1540
> 1852
> 2027
>
> Tomorrow (Sat, 6/5)
>
> 1255
> 1431
> 1607
> 1743
> 1918
> 2054
>
> Sun, 6/6
>
> 1321
> 1457
> 1635
> 1810
> 1945
>
> I used a 10 degree elevation filter so anything that rises less than 10 is
> not shown here. All of these passes will be above 10 degrees, even that
> might be a problem if it is a low pass to the west of you.
>
> But most of these should be good for you. The absolute best passes for you
> to try are:
>
> Today at 1403 to 1413, max elevation 88 degrees, almost right overhead!
>
> Tonight at 2027 to 2037, max elevation 70 degrees.
>
> Sunday at 1321 to 1331, max elevation 76 degrees.
>
> Sunday at 1945 to 1955, max elevation 60 degrees.

>
> Good luck!
>
> Chris
> N5CV
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

54. [htaprs] Second Pass

From: Michael Leeper <mleeper@mindspring.com>
Date: Fri, 04 Jun 1999 14:43:05 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24251-1999.06.04-13.54.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Michael in Cumberland, MD

I was not able to here anything on second pass. Will try again at 1608
using two day old kenwood TH-D7a.

73, Michael KO4UU.   Gate on 10.151<>144.390 KO4UU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Re: Walkie-Talkie MIR tests (fri)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 14:55:45 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-24255-1999.06.04-14.01.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Oh well.... MIR was NOT on packet on todays 1st or 2nd pass.
>
> > > PDT   MDT   CDT   EDT
> > > ---- ---- ---- ----
> > > ...   ...   1155 1254 <=== nothing heard
> > > ...   1228 1328 1428 <=== Nothing here either
> > > 1300 1403 1505 1608
> > > 1436 1538 1641 1744
> > > 1613 1715 1818 1921
> > > 1749 1852 1954 2057
> > > 1924 2027 2130 2233
> > > 2100 2203 2306 ...

I guess I'll lay low for a while and crawl back under my rock...
de WB4APR, Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] Re: Walkie-Talkie MIR tests (fri)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 16:31:58 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-24269-1999.06.04-15.38.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Back in the saddle again!

```
> > > > PDT   MDT   CDT   EDT
> > > > ----  ----  ----  ----
> > > > ...   ...   1155  1254  <=== nothing heard
> > > > ...   1228  1328  1428  <=== Nothing here either
> > > > 1300  1403  1505  1608  <=== Lots of activity!
> > > > 1436  1538  1641  1744
> > > > 1613  1715  1818  1921
> > > > 1749  1852  1954  2057
> > > > 1924  2027  2130  2233
> > > > 2100  2203  2306  ...
```

So I guess we didnt break it after all...
bob

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57. [htaprs] Mir 1608 EDT Pass

From: Michael Leeper <mleeper@mindspring.com>
Date: Fri, 04 Jun 1999 16:38:03 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24273-1999.06.04-15.50.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello list:

I was able to copy the following form my Gate tuned to 145.985. These were with a beam pointed due south of Cumberland, MD and using my home station.

```
WB4APR-7
VE3FTA-7   No Pos data
R0MIR      No Pos data
WN3C       No Pos data
KC8JDS-3
N5UXQ      No Pos data
```

I was unable to copy any station on my TH-D7, With stock antenna, I was able to hear faint packets.

I will keep trying. 73 Michael KO4UU.

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58. [htaprs] Re: Success with Mir!

From: "Steve Prior" <sprior@nfdc.net>
Date: Fri, 4 Jun 1999 18:05:48 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga, WB4APR" <bruninga@nadn.navy.mil>
Message-ID: <LYR845-24284-1999.06.04-17.08.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Friday 6/4/98
Success with MIR

Stations heard from FM19PS
N3UYI's QTH
N6QAB-7
WB4APR-7
KO4UU-7

I got 2 my packets!! What fun!!

73
de Steve
----- Original Message -----
From: Steve & Kelley Jones <sdjones@sympatico.ca>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>

Cc: Bob Bruninga, WB4APR <bruninga@nadn.navy.mil>
Sent: Thursday, June 03, 1999 9:07 PM
Subject: [htaprs] Re: Success with Mir!

> > I then copied VE3XF-2 (grid EN34WK)
>
> If it was Thursday night's pass around 1830edt then you got me just
> outside the house on my way to vote in our provincial election. Had
> the d7 with long rubber duckie in one hand and was pulling the wagon
> full of kids with the other. Even the wife was somewhat impressed by
> it all.
>
> --
> Steve <sdjones@sympatico.ca>
>
>
> ---
> You are currently subscribed to htaprs as: SPRIOR@NFDC.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Re: Walkie-Talkie MIR tests (fri)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 18:23:35 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-24290-1999.06.04-17.29.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great MIR pass! 15 UI Stations heard, 5 were THD7's.

LESSON LEARNED: Since the THD7 can only see POSITS and BULLETINS, we
should be communicating with BULLETINS, not messages, so that the other
THD7's can see what we are saying. Private messages are only seen by
recepient. (boring to eveyone else)

Now if we could only get those other 10 UI stations to send APRS packets
so we could see them too... Can you belive one guy was CONNECTED TO
HIMSELF! What a waste of bandwidth. He ACKED himself all pass long!

> > > > > PDT	MDT	CDT	EDT	
> > > > > ----	----	----	----	
> > > > > ...	...	1155	1254	<=== nothing heard
> > > > > ...	1228	1328	1428	<=== Nothing here either
> > > > > 1300	1403	1505	1608	<=== Lots of activity!
> > > > > 1436	1538	1641	1744	<=== Lots! 15 UI stns, 5 THD7's
> > > > > 1613	1715	1818	1921	
> > > > > 1749	1852	1954	2057	
> > > > > 1924	2027	2130	2233	
> > > > > 2100	2203	2306	...	

I got my posit digipeated twice, once at beginning and once at end. ALso
I sent 3 msgs successfully and received 2. It works!
I use 17 inch full size MFJ rubber duck and 9.6 volt battery pack and
adjust antenna angle for max receive signal. Oh, and also NO TREES, I can
see horizon down to 2 degrees.

NOTE: Again, this is not an invitation to OPEN APRS operations on MIR
from home stations, since their packets are long and verbose. We are
trying to show personal Satellite Comms via QRP HT's. Possibly to justify
to AMSAT future APRSats for HT comms... If you operate at 5W or less,
then join in. Success is seeing your packet digipeated (MY PACKET).

You are very WELCOME to monitor from your home station and if your packet
gets through at the normal XMIT rate, so be-it. But from home stations,
please do not increase your XMIT rate to give the little guys a chance.

Also, for eveyone, only ONE outstanding message at a time until you see it
digipeated. THEN hit MSG-LIST-DEL key to cancel it.

de WB4APR, Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] Re: Walkie-Talkie MIR tests (fri)

From: "Chuck Doubrough" <skip@bigfoot.com>
Date: Fri, 4 Jun 1999 18:35:41 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Bob (WB4APR) Bruninga" <bruninga@nadn.navy.mil>,
"Chuck (VE3NCU) Doubrough Sr." <chuckd@bigfoot.com>
Message-ID: <LYR845-24292-1999.06.04-17.32.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got your HI! message Bob on the 4th pass. I was just leaving work with my
THD7A in the truck. A couple of tries and I got the response I was looking
for! A couple of people looked at me funny when I pulled over to send the
message though!
73 from Chuck in Orillia, ON.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Yet another MIR success with TH-D7

From: "Harry Burford" <hburford@airmail.net>
Date: Fri, 4 Jun 1999 18:00:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24304-1999.06.04-18.27.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Plagued with operator error problems on the first couple of attempts, I
finally had a satisfying success with MIR.

Problems:
* Had the automatic repeater offset turned on. (dohhh!)
* Looking the wrong direction. Had a building as well as the body in the
way to block the signal.

Once fixed, contact was easy on orbit 75946 pass which only had about a 12
degree elevation. Signal was almost full scale at times on the D7. Was
able to copy

KC4ZPL-7
KB8RWI
KC5JOE-7
KB0WZI-1

Even had a TH-D7 to TH-D7 QSO with KC5JOE via MIR. Going to have to
practice that keyboard entry on the D7! Was only able to do one exchange.

Harry, KAØTTY

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

62. [htaprs] Mir non-success :-(

From: John Ackermann <jra@febo.com>
Date: Fri, 04 Jun 1999 19:35:21 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24308-1999.06.04-18.41.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I was outside for the 1925 MIR pass over the east coast. Heard
K9GD (a couple of times), N3UYI, VE3XF, and KA2BQE (a couple of times).

But didn't see any sign that my own packets were being repeated. I'll
give it another try on the next pass...

73,
John N8UR
jra@febo.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] Re: [amsat-bb] Walkie-Talkie MIR tests

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 4 Jun 1999 19:36:57 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR APRS Special Interest Group" <aprssig@tapr.org>, <aprsnews@tapr.org>,
        <htaprs@tapr.org>, "Steve & Kelley Jones" <sdjones@sympatico.ca>
Message-ID: <LYR845-24309-1999.06.04-18.43.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/4/99 9:36 AM, Bob Bruninga (bruninga@nadn.navy.mil) passed this
wisdom:

>If you have a Kenwood HT or other QRP (5w packet station) and want to
>test your handheld satellite communicator, here are today's (FRI) MIR
>passes over the USA. Times are approx beginning of pass.
>
>PDT   MDT   CDT   EDT
>---- ---- ---- ----
>...   ...   1155 1254
>...   1228 1328 1428
>1300 1403 1505 1608
>1436 1538 1641 1644
>1613 1715 1818 1921
>1749 1852 1954 2057
>1924 2027 2130 2233
>2100 2203 2306 ...
>2238

I digipeated a BLN1 and my posit twice

Pass at 1921 EDT hours copied

   N3UYI-7 twice (FM19PS) sent message didn't appear to digipeat
   WB4APR-7 twice (FM19QD) sent message, it didn't appear to digipeat
   VE3XF-2 (EN34WK) - succesfully digipeated a message to him - did ya
get it?
   K9GD-7 (EN52VA)

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "The first 75% of the project takes 90% of the time;
  the last 15% of the project takes the other 90% of the
  time. -- Barry Wainwright and numerous ofthe engineers

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] Re: [amsat-bb] Walkie-Talkie MIR tests

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 4 Jun 1999 19:36:57 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR APRS Special Interest Group" <aprssig@tapr.org>, <aprsnews@tapr.org>,
        <htaprs@tapr.org>, "Steve & Kelley Jones" <sdjones@sympatico.ca>
Message-ID: <LYR845-24310-1999.06.04-18.43.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/4/99 9:36 AM, Bob Bruninga (bruninga@nadn.navy.mil) passed this
wisdom:

>If you have a Kenwood HT or other QRP (5w packet station) and want to
>test your handheld satellite communicator, here are today's (FRI) MIR
>passes over the USA. Times are approx beginning of pass.
>
>PDT   MDT   CDT   EDT
>---- ---- ---- ----
>...   ...   1155 1254
>...   1228 1328 1428

>1300 1403 1505 1608
>1436 1538 1641 1644
>1613 1715 1818 1921
>1749 1852 1954 2057
>1924 2027 2130 2233
>2100 2203 2306 ...
>2238

I digipeated a BLN1 and my posit twice

Pass at 1921 EDT hours copied

   N3UYI-7 twice (FM19PS) sent message didn't appear to digipeat
   WB4APR-7 twice (FM19QD) sent message, it didn't appear to digipeat
   VE3XF-2 (EN34WK) - succesfully digipeated a message to him - did ya
get it?
   K9GD-7 (EN52VA)

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "The first 75% of the project takes 90% of the time;
  the last 15% of the project takes the other 90% of the
  time. -- Barry Wainwright and numerous ofthe engineers

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] Re: Walkie-Talkie MIR tests (fri)

From: Tony Drumm <TonyDrumm@ibm.net>
Date: Fri, 04 Jun 1999 18:37:47 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24314-1999.06.04-18.44.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mir pass just a few minutes ago here in MN (1820 CDT or so). I didn't see any
of my D7 packets digipeated, but I did receive from the following stations:

VE3XF-2, position, "Committed"
K9GD-7, MOBILE VIA MIR, position, "Enroute"
KA2BQE-7, MMUHS Jericho VT, position, "Special"
KB8RWI, BEACON,R0MIR*:_QTH_5, no position

Tony - AA0SM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] HT MIR -- Success!

From: John Ackermann <jra@febo.com>
Date: Fri, 04 Jun 1999 21:08:41 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24327-1999.06.04-20.14.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, on the 2057 pass I got 2 posit packets through, and maybe a
message.

Stations heard:

WB8DTG, who's all of 9 miles from me
KC5DHE
AJ4Y
WB4APR
KU4GY

John N8UR
jra@febo.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] 0100z Mir Pass

From: Paul Womble <aj4y@concentric.net>
Date: Fri, 04 Jun 1999 21:17:18 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24329-1999.06.04-20.20.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Stations heard in EL97bx with the D7A with an MFJ flexi-antenna:

KU4GY-7
WB4APR-7
W4GV
N8UR-7
KC5DHE
R0MIR

Very short pass. Only heard packets for less than 5 minutes. Saw my
packet repeated once.

Thanks to the list for trying this out!!

73
Paul AJ4Y

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Mir

From: John <jwhughes@bellsouth.net>
Date: Fri, 04 Jun 1999 21:27:17 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24332-1999.06.04-20.35.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was about to give up, was supposed to be a visible pass, but was vy
cloudy hereabouts. And the skeeters were biting...:) Came back in the house
and a min later (abt 9pm eastern) d7 started making noise. Ran back out and
although don't think I made it thru, I did copy:

KU4GY-7 EL95 (JOGGER 303MI W/COMPASS ARROW POINTING SE)
WB4APR-7 FM9QD (JOGGER 731MI NE)
W4GV EM70EF (/\ 201MI W)
N8UR-7 EM79WP (694MI N)
AJ4Y-7 EL97BW (JOGGER 122MI S)

Wow, what a good feeling to even hear that sucker! Guess I should change
that truck icon...heh. Jogger makes a bit more sense if you're standing
outside.

Will definitely have to try it again!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] 17:49 PDT Pass of MIR

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Fri, 4 Jun 1999 18:41:13 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24334-1999.06.04-20.47.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Heard lots of packet "burps", but my D7 only captured the following 3
stations:

   WA6YLB-6
   VE6DHW   <--- status says using 25 W & 9db antenna - tsk, tsk!
   KB8RWI   <--- lat/long of 0/0...

I'm surprised I couldn't get my packet digipeated. I was standing on top of
a very tall hill in an undeveloped area with a beautiful view of the horizon
in all directions! I'm using the Comet 14" antenna and had the rig on high
power with a fully charged MAHA 9.6V NiMH battery. Hmmmm... maybe better

luck next time.

Ed Braaten, K6EKB
mailto:k6ekb@arrl.net
http://home.sprynet.com/~ekb/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] Re: [amsat-bb] Walkie-Talkie MIR tests <LYR3720-24163-1999.06.04-08.43.18--N4WYK#INFOAVE.NET@lists.tapr.org>

From: Rick Tilton <N4WYK@InfoAve.Net>
Date: Fri, 04 Jun 1999 21:43:31 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24335-1999.06.04-20.48.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Half success. Happened to be reading this msg and saw the times! Quickly
turned on the HT for the last 4 minutes or so of the 2057 EDT pass. Heard
following stations: W4GV, AJ4Y-7,KU4GY-7, WB4APR-7, N8UR-7. Did not hear
myself. BUT HEY>>> I was in the kitchen when I did this! Maybe I'll stroll
outside next pass. Almost as much fun as when I used to work AO-13! Hope
to be seen and see you on the D7!

Rick Tilton
ARS - N4WYK
N4WYK@Infoave.net
Tiltonr@Nationwide.com (Text only at work)
Foothills of North Carolina APRS Website: HTTP://Web.Infoave.Net/~N4WYK

>
> If you have a Kenwood HT or other QRP (5w packet station) and want to
> test your handheld satellite communicator, here are today's (FRI) MIR
> passes over the USA. Times are approx beginning of pass.
>
> PDT   MDT   CDT   EDT
> ---- ---- ---- ----
> 1155 1254
> ...   1228 1328 1428
> 1300 1403 1505 1608
> 1436 1538 1641 1644
> 1613 1715 1818 1921
> 1749 1852 1954 2057
> 1924 2027 2130 2233
> 2100 2203 2306 ...
> 2238
>
> Passes are about 8 minutes long on 145.985.
> Please, unless you are using BBS, send UI packets only via R0MIR, and low
> power (5w). NEVER try to connect to someone. Once you see your UI packet
> digipeated, consider it success, and stop sending.
>
> If someone is using BBS, wait till he is finished.
>
> de WB4APR, Bob
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] Mir tracking

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 4 Jun 1999 20:47:05 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: aprssig@tapr.org
Message-ID: <LYR845-24336-1999.06.04-20.53.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://liftoff.msfc.nasa.gov/realtime/jtrack/Spacecraft.html

java tracking page with Mir , SHUTTLE and ISS

or try

http://38.201.67.72/realdata/tracking/index.html

Shutle/ISS

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] Re: [amsat-bb] Walkie-Talkie MIR tests

From: "Steve & Kelley Jones" <sdjones@sympatico.ca>
Date: Fri, 04 Jun 1999 21:39:39 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: tapr aprs special interest group <aprssig@tapr.org>, aprsnews@tapr.org
Message-ID: <LYR845-24338-1999.06.04-20.57.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   VE3XF-2 (EN34WK) - succesfully digipeated a message to him - did ya
> get it?

Yep, just checked and I show a message from KA2BQE-7. Worked like a
charm. The 2055 pass was unsuccessful for me though.

--
Steve <sdjones@sympatico.ca>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

73. [htaprs] Re: HT MIR -- Success!

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Fri, 4 Jun 1999 20:06:12 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24344-1999.06.04-21.12.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, on the 1852 pass and the 1715 (MDT) passes, both times I saw my packet
repeated by the D7. I heard lots of stations on my mobile rig, but not much
on the D7. What make this interesting is that this was with the stock
antenna on the HT from the parking lot at work just south of Salt Lake City.
I am going to try the next pass as well. I guess the 5 minute difference
shows on the reports I have seen of calls. I got repeated on two seperate
passes, but nothing on the lists. Oh well... What fun!

Tom NY4I
----- Original Message -----
From: John Ackermann <jra@febo.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Friday, June 04, 1999 7:08 PM
Subject: [htaprs] HT MIR -- Success!

> Well, on the 2057 pass I got 2 posit packets through, and maybe a
> message.
>
> Stations heard:
>
> WB8DTG, who's all of 9 miles from me
> KC5DHE
> AJ4Y
> WB4APR
> KU4GY
>
> John N8UR
> jra@febo.com
>

>
>
> ---
> You are currently subscribed to htaprs as: TOMS@INCONNECT.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

74. [htaprs] Re: HT MIR -- Success!

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Fri, 4 Jun 1999 20:14:25 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24346-1999.06.04-21.20.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry for the glaring grammatical errors in my last email. My mind is going
much faster then my fingers. Man, this is exciting stuff!

Tom NY4I
----- Original Message -----
From: Thomas M. Schaefer <toms@inconnect.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Friday, June 04, 1999 8:06 PM
Subject: [htaprs] Re: HT MIR -- Success!

> Well, on the 1852 pass and the 1715 (MDT) passes, both times I saw my
packet
> repeated by the D7. I heard lots of stations on my mobile rig, but not
much
> on the D7. What make this interesting is that this was with the stock
> antenna on the HT from the parking lot at work just south of Salt Lake
City.
> I am going to try the next pass as well. I guess the 5 minute difference
> shows on the reports I have seen of calls. I got repeated on two seperate
> passes, but nothing on the lists. Oh well... What fun!
>
>
> Tom NY4I
> ----- Original Message -----
> From: John Ackermann <jra@febo.com>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Sent: Friday, June 04, 1999 7:08 PM
> Subject: [htaprs] HT MIR -- Success!
>
>
> > Well, on the 2057 pass I got 2 posit packets through, and maybe a
> > message.
> >
> > Stations heard:
> >
> > WB8DTG, who's all of 9 miles from me
> > KC5DHE
> > AJ4Y
> > WB4APR
> > KU4GY
> >
> > John N8UR
> > jra@febo.com
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: TOMS@INCONNECT.COM
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
>
> ---
> You are currently subscribed to htaprs as: TOMS@INCONNECT.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

75. [htaprs] Re: HT MIR -- Success!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 22:38:42 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-24353-1999.06.04-21.44.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 4 Jun 1999, Thomas M. Schaefer wrote:

> Well, on the 1852 pass and the 1715 (MDT) passes, both times I saw my packet
> repeated by the D7. I heard lots of stations on my mobile rig, but not much
> on the D7.

Yep, I notice that too... Problem is that the THD7 will only see standard
APRS stations and other THD7's. It will not see other dumb-terminal UI
users. And the majority of users on the MIR channel are such UI users.
Our chances of convincing them to type in our format is small... oh
well...

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

76. [htaprs] Success with MIR

From: "Larry (Woody) Bateman" <lwoody@micron.net>
Date: Fri, 04 Jun 1999 20:46:35 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24357-1999.06.04-21.53.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

20:28 MDT pass was a great success for me. Got a "My Packet" on my D7
back from Mir.

Got a posit from:
N6CDJ
NY4I-7
WD6BFC
AA6JR

Sent a message of "HI" to all, did anyone get it?

==
Larry (Woody) Bateman
Amatuer callsign: KB7WWP
Web Page: http://netnow.micron.net/~lwoody
Email: lwoody@micron.net

Where am I?
My Home-------http://maps.aprs.net/kb7wwp
My Truck------http://maps.aprs.net/kb7wwp-14
My Hangglider-http://maps.aprs.net/kb7wwp-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] Last Past Was a Blast

From: "Clayton Watson" <kb0wzi@rmi.net>
Date: Fri, 4 Jun 1999 20:49:31 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24358-1999.06.04-21.54.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Elevation on this last past 8:27 MDT. Saw "my packet" and only got three stations and one
message....

KC5JIF--
KA0TTY-7--Coppell, TX
N6CDJ--

Message was from
KU0G
"Howdy from Cowtown! KCMO!!!"

I sent a Bullentin and was wondering if anyone got it?? By the way i'm in Denver

Clayton
KB0WZI
kb0wzi@rmi.net

78. [htaprs] Re: Success with Mir!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 4 Jun 1999 22:47:11 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-24359-1999.06.04-21.54.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I got 2 my packets!! What fun!!

ATTENTION: I want to put together a file of all the users who
participated in this test so that we can possibly use it to help justify
future experiments. I was going to ask for a volunteer to piece all the
Email together and then realized that my own HT holds a running list of
all MIR calls heard here in MD (as long as I dont tune to 144.39).

So if there is anyone else in the NW, SW, Texas, North Central, and FLA
that can also keep their radios virgin until this is over, then we can
simply add up those lists at the end...

Or if there IS A VOLUNTEER to scrap together what is reported here, then
that would be appreciated...

By the way, how many THD7 users aer on this SIG anyway?

bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] 0236z Mir Pass @ AJ4Y

From: Paul Womble <aj4y@concentric.net>
Date: Fri, 04 Jun 1999 22:55:44 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24362-1999.06.04-21.58.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WOW!! What fun...tuning for doppler shift, trying to watch signal
strength, and trying to reply to a message...all at the same time with
the D7A!!

Stations heard:
KU0G
KC5EJK-7
W4GV
N4ZQ
KU4GY-7

I received a message from N4ZQ but the Mir was gone before I could get a
reply put in and sent.

Looks like next pass is a little under 13 hours. Can't wait!!

I noticed that packets were decoded this pass with only 3 bars on the
D7's rx display. I think this is the first time with this radio that a
sig that weak has been decoded successfully.

Paul AJ4Y

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

80. [htaprs] FL Data

From: Paul Womble <aj4y@concentric.net>
Date: Fri, 04 Jun 1999 23:07:56 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24366-1999.06.04-22.11.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can keep track of the FL data. How long Bob do you want it kept for?

I know that N4ZQ and KU4GY are in FL...any others? Please indicate your state in your posts to the list or copy email to me @ aj4y@arrl.net if you are in Florida.

Paul AJ4Y

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

81. [htaprs] Weekend Mir Schedule...from Central Florida

From: Paul Womble <aj4y@concentric.net>
Date: Fri, 04 Jun 1999 23:12:27 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24368-1999.06.04-22.16.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Satellite schedule for : Mir

AOS		MAX VISIBILITY			LOS		
UTC Date	Time	Azm	Time	Azm	Elev	Time	Azm	Duration
06/05/99	15:47	174.3°	15:51	120.2°	8.2°	15:55	71.1°	00:08
06/05/99	17:21	235.7°	17:26	328.8°	38.1°	17:31	35.8°	00:10
06/05/99	19:00	307.8°	19:02	333.7°	2.9°	19:05	8.5°	00:05
06/05/99	23:51	357.0°	23:54	37.8°	5.0°	23:57	74.9°	00:06

UTC Date	Time	Azm	Time	Azm	Elev	Time	Azm	Duration
06/06/99	01:25	320.1°	01:29	351.3°	56.2°	01:35	134.7°	00:10
06/06/99	03:02	267.4°	03:04	241.4°	3.7°	03:08	193.6°	00:06
06/06/99	16:13	206.4°	16:17	129.1°	40.3°	16:22	50.3°	00:09
06/06/99	17:49	271.4°	17:52	313.4°	10.6°	17:57	21.7°	00:08

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] Re: Success with Mir!

From: n6gps@garlic.com (Brent Bolen)
Date: Sat, 05 Jun 1999 03:17:46 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24370-1999.06.04-22.23.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,
I am logging all of what I see in Hollister using Procomm, so if nobody else is logging in the central part of CA, I can do it. I am recording more than just APRS packets, if that matters.

On the 6/5/99 02:35 GMT pass, I saw:

WA6YLB-6>APRX40,R0MIR*:=3616.91N/11918.35WyByron at work in Visalia
WD6BFC>4P3YVV,R0MIR*:`21_l [/>WD6BFC@arrl.net D7A
KB7WWP-14>TS2TVP,R0MIR*:`+P?l!lk/>lwoody@micron.net
WD6BFC>4P3YVV,R0MIR*:`21_l [/>WD6BFC@arrl.net D7A
N0MN-7>S4SSTQ,R0MIR*:`-+Fl -/>TH-D7/GPSIII
NY4I-7>T0SRST,R0MIR*:`'O+l [/>TOM IN SALT LAKE
AA6JR>APS199,R0MIR*:=3409.57N/11847.29W_APRS+SA Jeff in Agoura Hills, CA
WA6LIE-3>CM96EQ,R0MIR*,SCOTT:]`[

W9JIU>APW228,R0MIR*:=3222.10N/11058.33W-PHG7240/WinAprs2.2.3
-AZPIMTUCSON -228-<520>
N6CDJ>APS199,R0MIR*:>050035z[199]APRS+SA w/ Peet wx.. An APA member
station.
KC5DHE>APR830,R0MIR*:=3303.0 N/09645.0 W-Tom in Plano,TX
KB0WZI-1>S9URRW,R0MIR*:`qXtl [/>DNVR kb0wzi@rmi.net
KC7ZRU-2>APW228,R0MIR*:=4118.53N/10535.35WyPHG3192/Laramie's WIDEn-n
and TRACE digi -WYALBLARAMIE -228-<530>
N7SFI>DN40ER,R0MIR*:ny4i hi
KU0G>APW228,R0MIR*::BLN1   :Howdy from Cowtown! KCMO!!!{011

On Fri, 4 Jun 1999 22:47:11 -0400 (EDT), you wrote:

>
>> I got 2 my packets!! What fun!!
>
>ATTENTION: I want to put together a file of all the users who
>participated in this test so that we can possibly use it to help justify
>future experiments. I was going to ask for a volunteer to piece all the
>Email together and then realized that my own HT holds a running list of
>all MIR calls heard here in MD (as long as I dont tune to 144.39).
>
>So if there is anyone else in the NW, SW, Texas, North Central, and FLA
>that can also keep their radios virgin until this is over, then we can
>simply add up those lists at the end...
>
>Or if there IS A VOLUNTEER to scrap together what is reported here, then
>that would be appreciated...
>
>By the way, how many THD7 users aer on this SIG anyway?
>
>bob
>
>
>
>---
>You are currently subscribed to htaprs as: N6GPS@GARLIC.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] Re: APRS and Digital 2-ways

From: Randolph Kohlwey <kohlwey@xmission.com>
Date: Sat, 05 Jun 1999 00:34:51 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, amsat-bb@AMSAT.Org
Message-ID: <LYR845-24403-1999.06.05-01.41.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob and others:

An "Idea" for mixing APRS and DIGITAL 2-way QSO's on a single FM satellite
channel.

Background:

Listen to AO-27 on a weekend. If the right people are on and cooperate
it has been possible to almost get 2-ways between 18 different hams on the
satellite in one pass. In thinking how this worked and giving up on training
and getting the hams to follow it I thought it might work if it was enforced
by the satellite software and done with all users using 9600 bps packet.

The same problem exist on Mir. Some people are trying to use the BBS,
others are trying for 2-ways and now others are trying to do APRS.

How and When:

I am working on the JAWSAT amateur satellite that is scheduled to be
launched in September of this year. It should have two VHF 2m uplinks
(145.960 MHz and 145.xxx) and two UHF 70cm (437.175 and 437.075) downlinks.
Each can do 9k6 packet and voice.

As of now we do not plan on it being a store and forward BBS. It will have
files to be downloaded by WISP but uploading from WISP will not be

implemented. At some point down the way (approx. 6 months) I may be able to
experiment with some new digital modes. A FM bent pipe will be on one pair
of frequencies and the other will be for the digital.

At the bottom of this posting is my reply about dumb terminal UI packet
users on Mir. I have ex paned on it with reply to Bob reply. I hope to have
time to expand on it more in several months.

                But for now here is my reply to Bobs reply.

Bob
At 01:16 AM 6/5/99 -0400, you wrote:
>Don't confuse a 2-way with requiring an ACK. Two differnet animals.
>
>ANyone can do a 2 way via MIR or any poor channel. Just keep trying.
>
>But if the chance is 10% of a packet getting through, then the chance of
>getting an ACK back is 10% of 10% or 1%.   AND NOONE wants to watch you
>send your message 100 times just to get the ack.

The ACK I was referring to was another packet from the other station with
my callsign in it. If he knows he had it repeated by Mir then he knows I could
have seen it. It helps if you can run full duplex so you hear every thing
coming down from the satellite. From Mir this is hard unless you gateway it
out on another frequency from a remote location. On the 9600 birds it will
be easier. JAWSAT could downlink on 70cm with 8 watts with a receiver on the
ground like the PCR-1000 with AFC, it adjust for Doppler. You need
some good filters to wipe out your 2 meter harmonics.

>If two stations are doing a 2-way without waiting for acks, then each one

Once again not an ack from mir but a packet from the other ground station
with some information so you know it was directed at you.

>gets 10% probabilty which isnt too bad... It would be bad to write any
>code that demands ACKS via a poor channel... Unless you then add
>redundancy to the ACK. APRSdos does this, but Mac/Win/APRS+SA dont...

The code would be like the PACSATs in that there will be a PB packet that
would be a queue of callsigns requesting to do 2 ways contacts. When
your call came first on the queue you would then send your information for
each of the other calls on the queue to the satellite which would then
transmit it. If the first entry on the queue is CQ then stations can send
their grid locator and ask to be added to the queue.

When it is your turn to transmit you could send your APRS format to APRS
and it would be relayed back to a central ground station for insertion into
the Internet. The satellite would also kept a record of all the successful
2-ways in a log which could be downlinked to the ground in a compressed
format.
The log could be used to verify 2-ways for awards, QSL card checking etc.

>> >Our chances of convincing them to type in our format is small... oh
>> >well...

Please put the format some place on your APRS home pages where one can find
it. There are lots of pointers to the various programs but not many how to
do it on MIR without one of the APRS programs.

73, Randy

==
                Here is my original reply to Bob
==

> At 10:38 PM 6/4/99 -0400, you wrote:
> >On Fri, 4 Jun 1999, Thomas M. Schaefer wrote:
> >
> >> Well, on the 1852 pass and the 1715 (MDT) passes, both times I saw my
> packet
> >> repeated by the D7. I heard lots of stations on my mobile rig, but not
much
> >> on the D7.
> >
> >Yep, I notice that too... Problem is that the THD7 will only see standard
> >APRS stations and other THD7's. It will not see other dumb-terminal UI
> >users. And the majority of users on the MIR channel are such UI users.
>
> Maybe we want to see if someone is connected to the Mir BBS before we send

> our UI packets.
>
> >Our chances of convincing them to type in our format is small... oh
> >well...
>
> Maybe not if you add an extension so we could request an acknowledgement
> from a particular callsign. That way you could track where we
> are and we could get a 2-way exchange so it qualifies for one of the
> awards (VUCC, WAS etc) on Satellite. I would write my own program to look
> for calls that are in of the grid squares that I was looking for and send
> a request to those callsigns only.
>
> Better yet if you did that I might leave my OSCAR station on all the time
> and gateway the calls into the Internet.
>
> I am not the only one who gets frustrated when I hear some in a grid square
> I have been trying to work for several years. Can you just imagine the
> uproar if someone got on HF from a rare DXCC county and just transmitted
> "Hey! I am on Heard Island" for example but would not do any 2 way contacts.
>
> I am the one doing the communications for JAWSAT and also helping out on the
> flight software. I may implement a digital queued 2-WAY QSO system on
JAWSAT
> that would allow for a maximum of exchanges on one FM channel (VHF up/UHF
> down).
> I could enhance it so it would let APRS be digipeated and play in the queue.
> I may only do that if there is someway to get 2way contacts with the APRS
> ground stations.
>
> 73, Randy N7SFI
>
>

73, Randy N7SFI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Saturday's MIR passes (USA)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 5 Jun 1999 10:14:34 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
        amsat-bb@amsat.org, sarex@amsat.org
Message-ID: <LYR845-24411-1999.06.05-09.20.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

MIR normally switches to SSTV on the weekends and turns off Packets, but
anything from space on 145.985 is still fun. These pass times are only
approximate for your time zone.

PDT	MDT	CDT	EDT	
...	...	...	1148	Besides, anyone can see the SSTV
...	...	1220	1323	pictures too, by simply taking the
1152	1254	1357	1500	audio from their receiver into their
1327	1429	1532	1634	sound card and using W95SSTV or other
1503	1605	1707	1810	SSTV software.
1639	1742	1845	1947	
1815	1918	2021	2124	
1950	2052	2155	...	
2127				

If there are any TYPOS in there, just remember, MIR orbits the earth once
every 95 minutes or so and we simply rotate underneath that orbit on our
24 hour cycle...

Notice, that the "time frame" of passes is the same worldwide "local
time". Once you hear them, then just add 95 minutes for the next pass
no matter where you are...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Re: [sarex] Saturday's MIR passes (USA)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 5 Jun 1999 12:08:03 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Message-ID: <LYR845-24433-1999.06.05-11.14.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

MIR Fans,
Nothing heard 1st pass. BUT if this is like yesterday, then, maybe they are using the radio while they are awake. When they go to sleep after 1500 or so EDT, then maybe they switch it back to 145.985. That might explain yesterday too... de WB4APR

> MIR normally switches to SSTV on the weekends and turns off Packets, but
> anything from space on 145.985 is still fun.
>
> PDT MDT CDT EDT Besides, anyone can see the SSTV
> ---- ---- ---- ---- pictures too, by simply taking the
> ... ... 1148 audio from their receiver into their
> ... ... 1220 1323 sound card and using W95SSTV or other
> 1152 1254 1357 1500 SSTV software.
> 1327 1429 1532 1634
> 1503 1605 1707 1810
> 1639 1742 1845 1947
> 1815 1918 2021 2124
> 1950 2052 2155 ...
> 2127
>
> If there are any TYPOS in there, just remember, MIR orbits the earth once
> every 95 minutes or so and we simply rotate underneath that orbit on our
> 24 hour cycle...
>
> Notice, that the "time frame" of passes is the same worldwide "local
> time". Once you hear them, then just add 95 minutes for the next pass
> no matter where you are...
>
> de WB4APR, Bob
>
> ----
> Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> To unsubscribe, send "unsubscribe sarex" to Majordomo@amsat.org
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] Mir pass at noon PDT Saturday

From: n6gps@garlic.com (Brent Bolen)
Date: Sat, 05 Jun 1999 19:17:08 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24447-1999.06.05-14.21.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For what it is worth, Mir seems to still be digi'ing packets today.
We had a low pass here at 19:00 UTC, and I heard these packets. Only saw one of mine bounch.

N6TVZ-7>SSSYRQ,R0MIR*:`-Q9l n\>D7A-tom@spectron.net
N0JY-6>CQ,R0MIR*:N0JY Springtown TX EM13da
N5MML>BILL,R0MIR*:
N5MML>BILL,R0MIR*:
R0MIR>BEACON:MIR SPACE STATION
N5MML>BILL,R0MIR*:Greetings from Louisiana n5mml@aol.com

KC5JIF-4>3U1PST,R0MIR*:`mS}l [/>TH-D7A PORTABLE
N0JY-5>CQ,R0MIR*:N0JY Springtown TX EM13da

n6gps

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

87. [htaprs] Re: Mir pass at noon PDT Saturday

From: Paul Womble <aj4y@concentric.net>
Date: Sat, 05 Jun 1999 15:49:24 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-24452-1999.06.05-14.52.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have not heard any activity today in Florida.

Paul AJ4Y...waiting for the next pass!!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

88. [htaprs] 15:40 EST Pass

From: Bob <rtrue@iupui.edu>
Date: Sat, 05 Jun 1999 15:58:24 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24457-1999.06.05-16.04.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got posits from the following stations in central Indiana on the 15:40
EST pass.

VE3XF-2
VE3FTA-7
N3UYI-7
WB4APR-7
KA2BQE-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

89. [htaprs] Re: Saturday's MIR passes (USA)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 5 Jun 1999 17:22:12 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-24459-1999.06.05-16.28.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yep, they're back on packet for 3rd pass. My THD7 now has captured 25
other THD7's so far.   I will post them eventually when we finish this
test (no end in sight <grin>)

On Sat, 5 Jun 1999, Bob Bruninga wrote:

>   Nothing heard 1st pass. BUT if this is like yesterday, then, maybe they
> are using the radio while they are awake. When they go to sleep after
> 1500 or so EDT, then maybe they switch it back to 145.985.
> >
> > PDT   MDT   CDT   EDT
> > ---- ---- ---- ----
> > ...   .   1148 < nothing
> > ...   ...   1220 1323 < nothing
> > 1152 1254 1357 1500 < They're back!
> > 1327 1429 1532 1634 < lots of activity
> > 1503 1605 1707 1810
> > 1639 1742 1845 1947
> > 1815 1918 2021 2124
> > 1950 2052 2155 ...
> > 2127
> >

> > If there are any TYPOS in there, just remember, MIR orbits the earth once
> > every 95 minutes or so and we simply rotate underneath that orbit on our
> > 24 hour cycle...
> >
> > Notice, that the "time frame" of passes is the same worldwide "local
> > time". Once you hear them, then just add 95 minutes for the next pass
> > no matter where you are...
> >
> > de WB4APR, Bob
> >
> > ----
> > Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> > To unsubscribe, send "unsubscribe sarex" to Majordomo@amsat.org
> >
>
> APRSdos REPLY/COMMENT:
>
> Reply mail addr: wb4apr@amsat.org
> US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
> See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
> See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
> See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
>
>
> ----
> Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

90. [htaprs] Mir Success!?

From: Rick Tilton <N4WYK@InfoAve.Net>
Date: Sat, 05 Jun 1999 18:29:35 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24466-1999.06.05-17.36.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the 6:10EST pass I finally got a "MY PACKET" back! Did it show up in
anyone list!? Didn't really think I would since a marginal pass at best for
my QTH. I'm in NC at EM96KD. Stations that showed up in my list were:

N3UYI-7
N1QZG
VE3XF-2
NH7C

Saw a few others but forgot calls as they did not show up in my list.
KD9??? and somebody else. Sorry but didn't catch it at the time.

Also got bln stating "N4UYI IN PA GREETINGS!" I senta bln also stating "HI
DE RICK" but not sure if it got through or not. Great test of HT coverage!
As always Ham Radio still thrills and amazes me and for the life of me I
can't figure out why more don't do it? Go figure.. waiting for next pass.

Rick Tilton
ARS - N4WYK
N4WYK@Infoave.net
Tiltonr@Nationwide.com (Text only at work)
Foothills of North Carolina APRS Website: HTTP://Web.Infoave.Net/~N4WYK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

91. [htaprs] MIR Success again..

From: Rick Tilton <N4WYK@InfoAve.Net>
Date: Sat, 05 Jun 1999 20:09:20 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24475-1999.06.05-19.18.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got a "MY PACKET" again. However, does not appears it showed up on the
server? Oh well... Heard KO4UU-7, N3UYI-7, NH7C-9, and N1QAG (Assuming I
didn't get them mixed up from last time). So far I have 11 stations in my
D7 heard list out of 3 passes I have listened to and have got a my packet
out of two of them. Bob was right about moving the HT antenna around. Most
of time 45 degrees seems to work best here but figure different next time.
Having fun with MIR and the D7!

Rick Tilton
ARS - N4WYK
N4WYK@Infoave.net
Tiltonr@Nationwide.com (Text only at work)
Foothills of North Carolina APRS Website: HTTP://Web.Infoave.Net/~N4WYK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

92. [htaprs] 1952 EDT Mir pass.

From: Michael Leeper <mleeper@mindspring.com>
Date: Sat, 05 Jun 1999 20:24:30 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24480-1999.06.05-19.31.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all form Cumberland, Md.

These are the stations I decoded on the 1952 EDT pass of Mir at my
location of FM09PP.

N2IPH-7
WB4APR-9
N3UYI-7
NH7C-9
N4WYK-7
KB8RWI

I tried to send a message but didn't get it through.
I hope the high thin clouds disappear before the next pass,
it would be fun to see Mir as well as digi through it.

Last pass and next pass should be close to directly overhead,
the best ones I have seen today on winorbit.

73 KO4UU Michael

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

93. [htaprs] 1952 EDT Pass

From: Paul Womble <aj4y@concentric.net>
Date: Sat, 05 Jun 1999 20:35:03 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24481-1999.06.05-19.37.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Only hear WB4APR-9 this pass. Actually only heard about 4-5
transmissions of anything. Hope the next pass is better.

Paul AJ4Y
EL97bx

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

94. [htaprs] Pass at 1634 EDT busy and longest yet

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sat, 5 Jun 1999 21:39:34 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-24487-1999.06.05-20.45.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I went out at 1630 and started copying MIR packets by 1633 and was still
copying packets at 1646. I was surpirsed how long this pass lasted.
Seemed quite busy. Somone earlier mentioned about antenna oreintation.
This time I was watching the S-meter and had my TM-261 on in the cra with
volume up loud so I could hear it. It was definietly copying mor ethan
the D-7 so I would watch the S-meter on the D-7 and maneuver the antenna.
I think I was more successful this time than in the pass, but there is
still a tendency to move the HT whilst trying to use the keyboard. next
time I am taking out my Palm3 w/PocketAPRS. That should be easier than
that tiny keyboard and my large hands!

 I copied

   WB4APR-7 several times
   N1QAG (Tad , FN34TX, here in VT 40 miles from me) twice
   WD4RPV-7 (FM09VC) twice
   N3UYI-7 (FM19PS) twice
  VE3FTA-7 (FN03EQ)

 I got messages digipeated to N1QAG and WD4RPV-7

I received a BLN from WB4APR-7

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "ADMINISPHERE - The rarefied organizational layers beginning just
  above the rank and file. Decisions that fall from the adminisphere
  are often profoundly inappropriate or irrelevant to the problems
  they were designed to solve."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

95. [htaprs] 2124 EDT Mir pass

From: Michael Leeper <mleeper@mindspring.com>
Date: Sat, 05 Jun 1999 22:23:06 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24494-1999.06.05-21.29.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well I was able to get in on this pass also. Stations to add to my list
heard form FM09PP.

AJ4V-7   New
KR4VL-7   New
KF4ERV-7   New
WB5FBS   New
N2IPH-7   New
WB4APR-9
N3UYI-7
NH7C-9
N4WYK-7
KB8RWI

A total of 10 in two passes not to bad, but I am wasting time trying to
send a message and get an ack back. I also hate to think that with all
the attempts at sending the message out that I might be interfering with
another station.

Now that I have the hang of it, I seam to be able to get into MIR on any
reasonable orbit that gets over 5 degrees of the horizon for at least
three minutes. This is with a stock antenna. I have the Comet SMA-24
coming on Monday.

Has anyone tried this mobile with 12vt. auto power and GPS attached and
running what if any interference might you have had?

That's all for now Michael KO4UU in Cumberland, MD 73.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

96. [htaprs] 2120 EDT pass

From: Paul Womble <aj4y@concentric.net>
Date: Sat, 05 Jun 1999 23:22:48 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24499-1999.06.05-22.25.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KR4YL-7 and KD4TWB-7 were both new calls heard on this pass. Both are here in Central Florida.

Strongest sigs heard so far this weekend...full scale at times. But fewer packets decoded. Seems to decode the weaker sigs better from Mir. Perhaps something to do with polarization???

Paul AJ4Y

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

97. [htaprs] RE: 2120 EDT pass

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Sat, 5 Jun 1999 23:28:11 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24509-1999.06.05-22.35.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> KR4YL-7 and KD4TWB-7 were both new calls heard on this pass. Both are
> here in Central Florida.
>
> Strongest sigs heard so far this weekend...full scale at times. But
> fewer packets decoded. Seems to decode the weaker sigs better from
> Mir. Perhaps something to do with polarization???

I copied tons of strong signals almost the entire duration of the pass. Only packet decoded on the D7 was from R0MIR actually.

I had my base monitoring and it saw KD4TWB-7 and a CO7 call accessing the PBBS.

I heard some packets on the 2300 EDT pass but was watching a movie in the other room so wasn't paying much attention. Besides it was a very low pass.

Glad to finally have got a packet through R0MIR!

73
Paul
KR4YL
EL87ov

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

98. [htaprs] 19:50 PDT pass of MIR....

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Sat, 5 Jun 1999 20:29:47 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24512-1999.06.05-22.36.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Very busy this pass... I copied the following stations here in El Dorado Hills, CA (near Sacramento) - grid square CM98:

KC7ZRU-2
WD6BFC
KE6VRL-7
KE6JAB-7
VE3CBJ-7
N6GPS-3

73, Ed

Ed Braaten, K6EKB
mailto:k6ekb@arrl.net
http://home.sprynet.com/~ekb/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

99. [htaprs] RE: 2120 EDT pass

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Sat, 5 Jun 1999 23:29:52 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24513-1999.06.05-22.37.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> KR4YL-7 and KD4TWB-7 were both new calls heard on this pass. Both are
> here in Central Florid

BTW - station was D7 with stock 9.6V battery and stock antenna. I went
looking for my SMA/BNC adaptor so I could use my MFJ 1/2 wave but didn't
find it.

73
Paul

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] Re: 2124 EDT Mir pass

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 5 Jun 1999 23:37:12 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-24517-1999.06.05-22.43.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> SOMEONE SAID: Well I was able to get in on this pass also....
> A total of 10 in two passes not to bad, but I am wasting time trying to
> send a message and get an ack back.

Correct. If your chances of getting a message digipeated are say 1 in
10, then the chance of the ACK getting back are also 1 in 10. THus you
must transmit the message 100 times to get 10 digipeatts so that of the 10
acks you will probably maybe get ONE back. This is why we MUST not
try for ACKS via MIR (or any other poor probability channel.)

OPERATIONG PROCEDURES:

1) Once you see the message digipeated, then stop sending it. (Select
message and hit DEL key). Any further attempts are just QRM to everyone
else who already saw your message.

2) The THD7 can only see messages to others if they are Bulletins. So to
give us all something to see, please consider sending your messages to
othes as bulletins. (Send to BLN# where # is a 1 digit serial number).
Then those of us monitoring with our THD7's will have more to show
off...

de WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] Re: 2120 EDT pass

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 5 Jun 1999 23:38:33 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-24518-1999.06.05-22.44.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 5 Jun 1999, Paul Womble wrote:

> Strongest sigs heard so far this weekend...full scale at times. But
> fewer packets decoded. Seems to decode the weaker sigs better from
> Mir. Perhaps something to do with polarization???

THD7 only decodes APRS packets. Most of packets on MIR are not APRS.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] SUndays MIR passes

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 6 Jun 1999 01:20:46 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Message-ID: <LYR845-24541-1999.06.06-00.26.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, at the risk of boring you, here are the MIR passes for
SUnday. If you have a THD7 or other QRP packet station (5w), come join us
with UI frames or APRS via R0MIR on 145.985. Please, share the time.
Your objective is only to get one or 2 packets digipeated and to see
how many other stations you capture... If the BBS is in use, drop to
1 Watt.

PDT	MDT	CDT	EDT
...	...	1113	1213
1046	1146	1249	1352
1219	1321	1424	1527
1355	1457	1600	1700
1531	1633	1735	1838
1706	1808	1910	2013
1842	1944	2047	2150
2018	2120	...	...

Actually, since I have gotten in on EVERY pass that I have tried, while
using only the 5 watt HT and the rubber duck, I think I will back off and
drop to 1 watt for a while to see how that goes. This is 16 dB below
any conventional 50 watt station trying to use the BBS. He will capture
the MIR receiver every time. No problem...

de WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] BBS's versus DIGIPEATERS in space

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 6 Jun 1999 01:31:40 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Message-ID: <LYR845-24547-1999.06.06-00.37.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Compared to the fun we are having with communicating with UI frames via
MIR in this country, someone just sent me a copy of a MIR pass in Europe.
What a waste of bandwidth! I analyzed all 350 packets and here are the
statistics broken down into the successful TEXT packets in 3 categories:

BBS: 330 packets to transfer 27 useful lines of text = 8%   effeciency
CNCT: 17 packets to transfer 1 useful line of text = 6%   effeciency
UI: 2 packets to transfer 2 useful lines of text = 100% effeciency

The two UI stations communicated perfectly in 2 packets
The two CONNECTED stations communicated 1 line only 1 way with 17 packets
31 of the 33 stations attempting to connect to the BBS accomplished
      nothing! And still spent 280 packets doing it!

BBS'S ARE NOT THE WAY TO USE PACKET RADIO ON SATELLITES!

You may argue that the BBS is for the crew. EVEN SO, with the right
software (APRS), these same 350 packets could have exchanged 350 lines
of text traffic to and from the crew or anyone else if they had only used
UI packets!

Here are the details if you are interesetd:

350 TOTAL BBS RELATED PACKETS AS FOLLOWS (2 users got logged on):
     280 DISCONNECT-BUSY packets 150 from just 6 stations!
      30 Lines of BBS overhead LINES (welcome, command prompts, etc)
      20 Acks and RETRIES and CHECKS
      17 lines of HEARD LOG
      10 message headers listed (at least 2 times each)
       0 messages read (ZERO)

 17 STATION-TO-STATION REQ/and RETRIES to convey only ONE LINE!
       1 message line conveyed

  2 APRS TYPE Position/STATUS packets conveying station position and
       status

CONCLUSION: If we designed Amateur Satellites to be dumb digipeaters for
UI frames only, then every successful packet CONTAINS USEFUL INFORMATION.
In this case there would have been 350 lines of data, not just 29.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] Re: [sarex] BBS's versus DIGIPEATERS in space

From: kd4sff@juno.com
Date: Wed, 2 Jun 1999 06:48:27 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, aprssig@tapr.org, aprsnews@tapr.org,
        amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Message-ID: <LYR845-24581-1999.06.06-08.08.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I believe the problem is the 280 disconnects you listed below, caused by
poor operators not monitoring the downlink, and not waiting for the
connected station to disconnect. I have sent questions to MIR crews in
the past, usually without receiving any disconnects. There is nothing
more thrilling (besides a voice QSO) than to connect to the MIR's PBBS,
and have mail waiting, from a cosmonaut! So I guess to each his own.
TNX & 73, Al / KD4SFF

On Sun, 6 Jun 1999 01:31:40 -0400 (EDT) Bob Bruninga
<bruninga@nadn.navy.mil> writes:
>Compared to the fun we are having with communicating with UI frames
>via
>MIR in this country, someone just sent me a copy of a MIR pass in
>Europe.
>What a waste of bandwidth! I analyzed all 350 packets and here are
>the
>statistics broken down into the successful TEXT packets in 3
>categories:
>
>BBS: 330 packets to transfer 27 useful lines of text = 8%
>effeciency
>CNCT: 17 packets to transfer 1 useful line of text = 6%
>effeciency
>UI: 2 packets to transfer 2 useful lines of text = 100%
>effeciency
>
>The two UI stations communicated perfectly in 2 packets
>The two CONNECTED stations communicated 1 line only 1 way with 17
>packets
>31 of the 33 stations attempting to connect to the BBS accomplished
>   nothing! And still spent 280 packets doing it!
>
>BBS'S ARE NOT THE WAY TO USE PACKET RADIO ON SATELLITES!
>
>You may argue that the BBS is for the crew. EVEN SO, with the right
>software (APRS), these same 350 packets could have exchanged 350
>lines

>of text traffic to and from the crew or anyone else if they had only
>used
>UI packets!
>
>Here are the details if you are interesetd:
>
>350 TOTAL BBS RELATED PACKETS AS FOLLOWS (2 users got logged on):
>   280 DISCONNECT-BUSY packets 150 from just 6 stations!
>   30 Lines of BBS overhead LINES (welcome, command prompts, etc)
>   20 Acks and RETRIES and CHECKS
>   17 lines of HEARD LOG
>   10 message headers listed (at least 2 times each)
>   0 messages read (ZERO)
>
> 17 STATION-TO-STATION REQ/and RETRIES to convey only ONE LINE!
>   1 message line conveyed
>
> 2 APRS TYPE Position/STATUS packets conveying station position and
>   status
>
>CONCLUSION: If we designed Amateur Satellites to be dumb digipeaters
>for
>UI frames only, then every successful packet CONTAINS USEFUL
>INFORMATION.
>In this case there would have been 350 lines of data, not just 29.
>
>de WB4APR, Bob
>
>
>----
>Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
>To unsubscribe, send "unsubscribe sarex" to Majordomo@amsat.org

_____
You don't need to buy Internet access to use free Internet e-mail.
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or call Juno at (800) 654-JUNO [654-5866]

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] Mir Info

From: Rick Tilton <N4WYK@InfoAve.Net>
Date: Sun, 06 Jun 1999 12:34:20 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24610-1999.06.06-11.44.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For the record.. Those heard via the D7 and rubberduck out of four passes so
far are:

N4QWF-14
AJ4J-7
KR4YL-7
WB4FBS
KO4UU-7
N3UYI-7
NH7C-9
N1QAG
VE3XF-2
NH7C
KU4GY-7
WB4APR-7
W4GU
N8UR-7

Have had several bulletins. However, pleae remember the D7 can only receive
up to 45 characters if my memory serves me correctly. Have one bln that goes
beyond and can't read end of it even scrolling right. Didn't get in on the
12:13EST pass but not a good one here. Continue to try today as time
permits. See ya there...

Rick Tilton
ARS - N4WYK
N4WYK@Infoave.net
Tiltonr@Nationwide.com (Text only at work)
Foothills of North Carolina APRS Website: HTTP://Web.Infoave.Net/~N4WYK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] Best pass yet!!!

From: Rick Tilton <N4WYK@InfoAve.Net>
Date: Sun, 06 Jun 1999 14:10:15 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24616-1999.06.06-13.23.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This was bar none the best pass for me yet! Got a couple of packets through
and heard following. G3ZFJ-7
NH7C-7
W1GTT-3
KS4XQ (Got msg and sent one back and got ack back surprisingly enough!)
W4GV
N4ZQ (also got BLN from him)
KF4ERV-7
W9MDO-2
NH7CC-7
N3UYI-7 (got BLN)

That's all for now! 73...

Rick Tilton
ARS - N4WYK
N4WYK@Infoave.net
Tiltonr@Nationwide.com (Text only at work)
Foothills of North Carolina APRS Website: HTTP://Web.Infoave.Net/~N4WYK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] QSL stuff while working MIR???

From: Rick Tilton <N4WYK@InfoAve.Net>
Date: Sun, 06 Jun 1999 14:36:28 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24619-1999.06.06-13.43.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

O.K. I have a question. What would be proper procedure of doing QSL cards
for working thru MIR? If you work thru MIR do you get a QSL card from them?
If someone hears you and you hear them but no MSG does that constitute a
QSL? I know these are dumb questions but been a while since I tried to work
DX via HF or anything else. Great way to get more grid squares. Inquiring
minds want to know?!

Rick Tilton
ARS - N4WYK
N4WYK@Infoave.net
Tiltonr@Nationwide.com (Text only at work)
Foothills of North Carolina APRS Website: HTTP://Web.Infoave.Net/~N4WYK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] MIR PASS - 1748 UTC 6 JUN 99 From W8/NH7C

From: NH7C@aol.com
Date: Sun, 6 Jun 1999 14:41:48 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24621-1999.06.06-13.48.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

The following stations were heard at W8/NH7C, a home station in West
Carrollton, Ohio (south of Dayton):

N4ZQ with a message to NH7C
N5MML
KU4LY-7
WA6YET

R0MIR-1
KM5HG
R0MIR
KS4XQ
NN0V
W9MDO-2
W4GV
N4WYK-7
KB9UKD with a "Hi Sid" message
N5UXQ
N3UYI-7
G3ZFJ-7
NH7C
NH7C-9
NH7CC-7

Andrea and I went to a local park to take advantage of an unobstructed view
of the sky for this overhead pass.

NH7C is the home station
NH7C-9 is my TH-D7A
NH7CC-7 is Andrea's TH-D7A

We have been having a blast working through MIR. I was so excited about
satellites this weekend, I even made a few QSOs on RS-13 with the HF rig - 15
meters uplink - 10 meters downlink.

I found a great tracking program on the AMSAT site. Look for WinOrbit. It
works well for me.

73 and see you via MIR,

Sid, NH7C
Andrea, NH7CC

NH7C@aol.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] Re: [amsat-bb] BBS's versus DIGIPEATERS in space

From: John Magliacane <magliaco@email.njin.net>
Date: Sun, 6 Jun 1999 15:17:03 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
        amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Message-ID: <LYR845-24626-1999.06.06-14.24.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 6 Jun 1999, Bob Bruninga wrote:

> BBS'S ARE NOT THE WAY TO USE PACKET RADIO ON SATELLITES!

That's not entirely true. FO-20 and FO-29 work just fine as BBSs when in
Mode JD, and the remaining digital satellites are even better since they
use the Pacsat Communications Protocol rather than operate as plain BBSs.

The problem with Mir is that is a single user system, and too many
groundstations attempt to connect to it or repeatedly digi LONG
beacons through it while it is in use.

73, de John, KD2BD

--
-=-=-=-=-=-=-=-=-=-=-=-=- John A. Magliacane, KD2BD -=-=-=-=-=-=-=-=-=-=-=-=-
Internet : kd2bd@amsat.org | Voice : +1.732.224.2948
Satellite : AO-16, KO-25 | Morse : -.- -.. ..--- -... -..
Packet   : KD2BD @ N2SMV.NJ.USA.NA | WWW   : http://www.njin.net/~magliaco/
Video   : 426.250 MHz/439.250 MHz | FAX   : +1.732.224.2060
-=-=-=-=-=-=-=-=-=-=-=-=- Save Jobs. Employ Linux. -=-=-=-=-=-=-=-=-=-=-=-=-

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] MIR PASS - 1924UTC 6JUN99 From W8/NH7C

From: NH7C@aol.com
Date: Sun, 6 Jun 1999 15:58:58 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24637-1999.06.06-15.05.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

The following stations were heard at W8/NH7C, a home station in West
Carrollton, Ohio (south of Dayton):

KS4XQ
NN0V
KB9UKD with a confirmed QSO with NH7C
NH7C
KU0G-15
KB5EDB
NU0C
N7SFI
KB0UBZ
KB8RWI
N0JY-5
N1QAG
R0MIR
R0MIR-1
VE9MIC
KE4SLC
VE3KBL
WB0WNX-5

I used the BLN messages to send exchanges as Bob, WB4APR advised in a SIG
message today. The BLNs were sent in a format of callsign heard-signal
report-my name exchange. For example I sent "KB9UKD 599 de Sid" for a
complete QSO to KB9UKD. KB9UKD sent a reply that I received.

See you on the next pass,

Sid, NH7C
NH7C@aol.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

111. [htaprs] MIR - orbit 75950

From: "Harry Burford" <hburford@airmail.net>
Date: Fri, 4 Jun 1999 22:10:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24638-1999.06.06-15.19.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Was really set for this pass! Had WinAPRS up to monitor and record the
activity. Predicted 85.6 degree elevation on the pass. Recorded a LOT of
data. Stations, messages, history, the works. Everything tiled neatly on
the screen for later review. The map showed a band of stations all across
the central US. WinAPRS then decided to do it's first ever 'unhandled
exception' error and I lost everything.

Was also in the back yard with the TH-D7 but only recorded.
N4ZQ   913 miles E
KC5DHE   Plano TX; 14.7 NE
KU0G   KC MO; 462 miles N
KB8RWA
N5AL   195 miles S
KC5JIF
KC5UWA-7   Carney OK; 195 miles N

What was cool about this pass was that MIR was visible during most of it.
Was a bright dot that moved very quickly across the sky. Really fun to
watch and work it at the same time.

Harry, KAØTTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] MIR - I made it ! !

From: "Bob Derderian" <BobD@virtualconst.com>
Date: Sun, 6 Jun 1999 15:13:3
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24639-1999.06.06-15.19.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

Last night while driving North to West Point I got two shots at MIR. The
19:47 pass and the 20:24 pass. I received a MY PACKET on the first pass but
didn't on the second. I saw on the SIG mail that Mike(I think) copied me on
the 20:24 pass. Was using the D7 with external mag mount antenna...the tiny
Pro-Am dual-band with the 1" dia. rare-earth magnet. It did the trick I'll
say that. Tonight I will try again from a cliff-side road overlooking West
Point, NY at about 800'elev.(+/- 800') as measured by my GPS-III (isn't SA
wonderful?...your tax dollars at waste).

73 es good hunting,
Bob D. N2IPH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] Re: west coast 1:55 pass

From: "Don L. Brown" <wb6duo@zippnet.net>
Date: Sun, 6 Jun 1999 14:12:25 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24646-1999.06.06-16.13.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Did anyone see my packet through mir. I did get a "my packet"
message.
Thanks
Don
WB6DUO

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] APRS 2100 UTC pass

From: Jerry K9GD <jerry@k9gd.com>
Date: Sun, 6 Jun 1999 16:15:25 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24648-1999.06.06-16.21.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nice pass, was able to send a "Hi" BLN and saw my packets a couple of times
I heard:

WB4APR-7
KS4XQ
VE3KBL-7
VE3XF-2
KB8RWI

AND A MSG FROM VE3XF-2 "GA DE VE3XF

Jerry K9GD

mailto:jerry@k9gd.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] Re: [amsat-bb] BBS's versus DIGIPEATERS in space

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 6 Jun 1999 17:56:42 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
        amsat-bb@AMSAT.Org, sarex@AMSAT.Org

Message-ID: <LYR845-24654-1999.06.06-17.03.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > BBS'S ARE NOT THE WAY TO USE PACKET RADIO ON SATELLITES!

John Maglicane rsponded:
> That's not entirely true. FO-20 and FO-29 work just fine as BBSs when in
> Mode JD, and the remaining digital satellites are even better since they
> use the Pacsat Communications Protocol rather than operate as plain BBSs.

Absolutely. Sorry, thats what I meant. The pacsat protocol is beautiful
for delivering bulk traffic and files to LOTS of people simultaneously.
In fact, we should be doing that on the ground too. One 9600 baud channel
in your home town, could deliver over a 8 Mbytes of WEB pages and HAm
radio news to evveryone's PC every day.

APRS's niche is as an everyone-to-everyone protocol, where the size of the
traffic is only a line or two per station... Sort of what a lot of HAM
radio has always been about...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

116. [htaprs] Another good pass from MIR

From: Rick Tilton <N4WYK@InfoAve.Net>
Date: Sun, 06 Jun 1999 19:06:09 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24676-1999.06.06-18.26.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

Got another "MY PACKET" through! Those heard on the 1838EST pass are:

KE4IAM
W1GTT-3 (Rec'd BLN)
KB1PZ-12
N2NWZ-7
N3UYI-7
N4QWF-14
VE3XF-2
VA3HI
K9GD-7 (Rec'd BLN)
KS4XQ (rec'd msg from him)

REALLY enjoying it!   Thanks for the idea Bob! Look to see more D7's on the
air!

Rick Tilton
ARS - N4WYK
N4WYK@Infoave.net
Tiltonr@Nationwide.com (Text only at work)
Foothills of North Carolina APRS Website: HTTP://Web.Infoave.Net/~N4WYK

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117. [htaprs] 2013 pass in EL97bx

From: Paul Womble <aj4y@concentric.net>
Date: Sun, 06 Jun 1999 20:38:56 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24685-1999.06.06-19.42.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Heard this pass with the D7A:

WA4SSP-7
N2IPH-7
G3ZFJ-7
N4WKY-7
KB0NWT

There were other stations that were heard but did not make it into the
list in the radio. The base station recorded these with aprs format in

the packets:

N5MML
KD5DKL
KC7ZRU
W4SAT
N8UR-7
K4TWE-1
WA6YET

Was able to get one postit and one message to N4WKY-7 repeated. Best
pass so far this weekend.

Paul AJ4Y

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118. [htaprs] 2015EDT MIR Pass

From: John Ackermann <jra@febo.com>
Date: Sun, 06 Jun 1999 20:44:35 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24686-1999.06.06-19.50.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Had a good pass at a bit after 8:00 EDT tonight. Saw myself, and maybe
got a BLN and MSG or two through.

Here's the list of stations heard tonight:

K1HJC	704 miles
KE4IAM	340 miles
WA4SSP-7	334 miles
W2/G3ZFJ-7	590 miles
AJ4Y-7	815 miles
N4WYK-7	294 miles
KB0NWT	No position

Might have also heard KU4GY, 988 miles, but that may be a dupe from
Friday evening -- I forgot to clear my station list before this pass.

Sent "HI" messages to K1HJC, AJ4Y-7, and G3ZFJ-7. Received a message
(or bull?) from AJ4Y-7, with his email address.

73,
John N8UR
jra@febo.com

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119. [htaprs] 20:13 MIR PASS

From: John <jwhughes@bellsouth.net>
Date: Sun, 06 Jun 1999 20:38:49 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24688-1999.06.06-19.51.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From Gainesville, Fla Stations Heard on the d7:

n2iph-7
k1hjc
ke4iam
wa4ssp-7
kc8yo-9
aj4y-7
n4wyk-7
kb0nwt
ku4gy-7
w4gv
n4zq
kc5ejk-7
ku0g
wb4apr-7
n8ur-7

Can't seem to get my own thru though. At least not so far...:) Keep trying!
73

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120. [htaprs] 8:13 EST MIR pass

From: Rick Tilton <N4WYK@InfoAve.Net>
Date: Sun, 06 Jun 1999 21:04:14 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24689-1999.06.06-20.10.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

Those heard were:

KC8YO-9
G3ZFJ-7
WA4SSP-7 (Congrats John on your fist one!)
AJ4Y-7 (got msg from Paul. TNX PAUL! Sent one back but not sure if you got
it?)
KE4IAM
KB0NWT (Got thru SEVERAL times)
N8UR-7

Might have been more but trying to keep the heard list virgin on the D7 for
now so I can keep up with who I have heard and make a list so not sure of
exact starting point.

Rick Tilton
ARS - N4WYK
N4WYK@Infoave.net
Tiltonr@Nationwide.com (Text only at work)
Foothills of North Carolina APRS Website: HTTP://Web.Infoave.Net/~N4WYK

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

121. [htaprs] Monday's MIR passes

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 6 Jun 1999 22:37:55 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
        amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Message-ID: <LYR845-24701-1999.06.06-21.44.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Lets continue this handheld QRP via MIR test for 2 more days (Mon and
Tues) and then let the SIG here have a rest. (I also go in for general
surgery on Wed, so cant play anymore). So here are the predicitions for
the USA for Monday:

PDT	MDT	CDT	EDT
...	...	...	1104
...	...	1137	1238
1110	1212	1315	1418
1245	1347	1450	1553
1421	1523	1625	1728
1557	1700	1802	1905
1723	1835	1938	2041
1908	2010	2113	2216
2045	2147		

Remember, UI frames only, no connects, and QRP only. Anyone wanna try 1
or 2 watts?   By the way, remember, we have several advantages operating
satellites with an HT compared to a base station.

1) No line loss, no pre-amp needed (Maybe 3 dB better than Home Stn RCV)
2) No line loss on transmit. (Maybe 3 dB better on XMIT)
3) U can easily match polarization (Avoids 6 to 12 dB fades at home)

4) U can hold Ant Horiz to get coverage overhead (avoids 20 dB null)
5) Disadvantage is 6 foot antenna height. But hey, the Horizon
    is 10 dB down due to range anyway...

Thus, during an overhead pass greater than 45 degrees, you might pick
up 6 to 12 dB over most Base stations in your area. THese passes only
occur once a day or so tho... But still, just matching your antenna angle
for maximum strength is something that even base stations cannot do...

de Wb4APR, Bob

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122. [htaprs] 2047CDT MIR Pass

From: spoiler1 <spoiler1@earthlink.net>
Date: Sun, 06 Jun 1999 22:28:25 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24721-1999.06.06-23.18.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all
I heard the following stations during this pass from Carney Oklahoma
(just east of OKC)

KC7ZRU-2
KB0NWT
KC5EJK-7

I didn't get a my packet yet. But I will keep trying

73
Gary
KC5UWA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

123. [htaprs] 20:13 MIR PASS data from Dallas TX

From: Robert Winingham <kc5ejk@onramp.net>
Date: Mon, 7 Jun 1999 00:16:14 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24736-1999.06.07-00.22.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

8:50 CDT Sunday 06-06-1999 Dallas Texas

I was inside the condo getting ready to go outside when my beacon packet
was seen. Standard Th-D7A radio and battery but with 14 inch whip antenna.

APRS stations list or grid sq packet.

KC5DHE>R0MIR*>APR830:=3303.0 N/09645.0 W-Tom in Plano,TX
WA6YET>R0MIR*>EM36EJ:
KC5EJK-7>R0MIR*>SRUP8R:`|Ipl [/>HOWDY
KC7BXS>R0MIR*>TSSU7P:`|Fql [/>
N0JY-5>R0MIR*>CQ:N0JY Springtown TX EM13da 25w to a Lindenblad
KG0ND>R0MIR*>EN31ER:]-[hi from iowa-norm-M02-
KC7ZRU-2>R0MIR*>APW228:=4118.53N/10535.35WyPHG3192/Laramie, WY DN71eh kc7zru@arrl.net -WYALBLARAMIE
-228-<530>
KC5UWA-7>R0MIR*>SUTX1V:`}Xql -/>Gary In Carney ,OK
N5TD>R0MIR*>CHARLI:=3106.48N/09720.29Wy Charlie in TEMPLE TX

Got on my TH-D7A list as well
KC5UWA-7
KC7ZRU-2

APRS type packet Th-D7A ,Lon/Lat or grid sq.

(Raw date from the MIR pass -- TNC to comm program - with R0MIR BBS packets removed)

```
   N5MML>R0MIR*>BILL:Hello Paul
   KM5IB>R0MIR*>JOHN:Hi Charlie
   KM5IB>R0MIR*>JOHN:hi Paul
   KM5ET>R0MIR*>KD6IVL [C]
   N5TD>R0MIR*>CHARLI:Hello to Paul, John in Mosheim TX, and Bill (N5MML)
###N0JY-5>R0MIR*>CQ:N0JY Springtown TX EM13da 25w to a Lindenblad
   KB0NWT>R0MIR*>ID:KB0NWT/R KB0NWT-1/B MEMO/N
###KC5DHE>R0MIR*>APR830:=3303.0 N/09645.0 W-Tom in Plano,TX
###KC7BXS>R0MIR*>TSSU7P:`|Fql [/>
###KC5DHE>R0MIR*>APR830:=3303.0 N/09645.0 W-Tom in Plano,TX
   KM5ET>R0MIR*>KD6IVL [C]
   KD5GOG>R0MIR*>PAUL:hello tom
###WA6YET>R0MIR*>EM36EJ:
   N5MML>R0MIR*>BILL:
###KC5EJK-7>R0MIR*>SRUP8R:`|Ipl [/>HOWDY
   KM5ET>R0MIR*>KD6IVL [C]
###KC7BXS>R0MIR*>TSSU7P:`|Fql [/>
   N5MML>R0MIR*>BILL:
   KB0NWT>R0MIR*>ID:KB0NWT/R KB0NWT-1/B MEMO/N
   KD5GOG>R0MIR*>PAUL:
###N0JY-5>R0MIR*>CQ:N0JY Springtown TX EM13da 25w to a Lindenblad
   KB0NWT>R0MIR*>BEACON:dave
   KM5ET>R0MIR*>KD6IVL [C]
###KB0NWT>R0MIR*>BEACON:en30
###N0JY-5>R0MIR*>CQ:N0JY Springtown TX EM13da 25w to a Lindenblad
   KB0NWT>R0MIR*>BEACON:CONV
   KD5GOG>R0MIR*>PAUL:hi charlie
###KG0ND>R0MIR*>EN31ER:]-[hi from iowa-norm-M02-
###KC7ZRU-2>R0MIR*>APW228:=4118.53N/10535.35WyPHG3192/Laramie, WY DN71eh kc7zru@arrl.net -WYALBLARAMIE
-228-<530>
   KC5DHE>R0MIR*>APR830::KC5JOE   :Hi    {0
   KC5JOE-7>R0MIR*>APK001::KC7BXS   :HI{5
   KM5ET>R0MIR*>KD6IVL [C]
   N5TD>R0MIR*>CHARLI:May JOY prevail in Ham Radio long!
###KC5UWA-7>R0MIR*>SUTX1V:`}Xql -/>Gary In Carney  ,OK
   WB5FBS>R0MIR*>BEACON:]-[Greetings via Mir from WB5FBS-Bob-in Hammond, LA
   KG0ND>R0MIR*>BEACON:cq from iowa kg0nd
   KB0NWT>R0MIR*>ID:KB0NWT/R KB0NWT-1/B MEMO/N
   CO7SD>R0MIR*>XE2UR [C]
   XE2UR>R0MIR*>CO7SD (UA)
   KC8CLB>R0MIR*>CQ:
   N5TD>R0MIR*>CHARLI:
   R0MIR-1*>CO7SD (DM)
   N5TD>R0MIR*>CHARLI:
   CO7SD>R0MIR*>CO2WQ [C]
   KB0NWT>R0MIR*>BEACON:kg0nd hello
   N5TD>R0MIR*>CHARLI:Temple TX
   CO7SD>R0MIR*>CO2WQ [C]
   HR5HAC>R0MIR*>ID:COPAN RUINAS LOS ESPERA PARA QUE ADMIREN SUS BELLEZAS ARQUEOLOGICAS
   CO7SD>R0MIR*>XE2UR:73 s Tocayo de co7sd (Ricardo)
   N5TD>R0MIR*>CHARLI:333333[210 N5TD Charlie in Temple 012[333333
   KC5DHE>R0MIR*>APR830::CO7SD    :hi    {0
###KC5DHE>R0MIR*>APR830:=3303.0 N/09645.0 W-Tom in Plano,TX
   KM5IB>R0MIR*>JOHN:
   KD5GOG>R0MIR*>PAUL:
   CO7SD>R0MIR*>CO2WQ [C]
###N5TD>R0MIR*>CHARLI:=3106.48N/09720.29Wy Charlie in TEMPLE TX
   WB5FBS>R0MIR*>BEACON:]-[Greetings via Mir from WB5FBS-Bob-in Hammond, LA
   HR5HAC>R0MIR*>N5TD [C]
   CO7SD>R0MIR*>CO2WQ [C]
   KD5GOG>R0MIR*>PAUL:


------------------
73



-----   kc5ejk@onramp.net    or  kc5ejk@amsat.org    -----


---
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124. [htaprs] Re: [amsat-bb] BBS's versus DIGIPEATERS in space

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sun, 6 Jun 1999 22:29:45 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR APRS Special Interest Group" <aprssig@tapr.org>, <aprsnews@tapr.org>,
<amsat-bb@AMSAT.Org>, <sarex@AMSAT.Org>
Message-ID: <LYR845-24775-1999.06.07-07.54.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The efficiency problem on MIR stems from using the built-in BBS firmware
on the TNC as a single user BBS as mentioned. Since they have a
computer tied to the TNC, it would be very easy to convert this system to
a multi-user platform by loading a standard BBS package like FBB.
Some of the same congestion issues still remain with the amount of
people trying to work the orbiting BBS, but it will allow multiple users to
be logged on the system at one time. This would in effect reduce the
number of BUSY signals that tend to dominate the traffic. Since we cannot
control the people attempting to connect MIR, this does offer an alternate
solution.

Loading the FBB BBS software on their computer would be a rather
easy task once it is properly configured.

The PACSAT server protocol would be more efficient, but I have never
seen an implementation for Windows There is a modified PACSAT
server package that operates on the LINUX platform, but they may not
be open to such a change since there is little time left for experimentation
on the MIR Space Station.

Tim - N8DEU
Huntsville, AL

-----Original Message-----
From: John Magliacane <magliaco@email.njin.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>; TAPR APRS
Special Interest Group <aprssig@tapr.org>; aprsnews@tapr.org
<aprsnews@tapr.org>; amsat-bb@AMSAT.Org <amsat-bb@AMSAT.Org>;
sarex@AMSAT.Org <sarex@AMSAT.Org>
Date: Sunday, June 06, 1999 2:18 PM
Subject: [htaprs] Re: [amsat-bb] BBS's versus DIGIPEATERS in space

>
>On Sun, 6 Jun 1999, Bob Bruninga wrote:
>
>> BBS'S ARE NOT THE WAY TO USE PACKET RADIO ON SATELLITES!
>
>That's not entirely true. FO-20 and FO-29 work just fine as BBSs when in
>Mode JD, and the remaining digital satellites are even better since they
>use the Pacsat Communications Protocol rather than operate as plain BBSs.
>
>The problem with Mir is that is a single user system, and too many
>groundstations attempt to connect to it or repeatedly digi LONG
>beacons through it while it is in use.
>
>
>73, de John, KD2BD
>
>--
>-=-=-=-=-=-=-=-=-=-=-=-=-=- John A. Magliacane,
KD2BD -=-=-=-=-=-=-=-=-=-=-=-=-=-
>Internet : kd2bd@amsat.org | Voice : +1.732.224.2948
>Satellite : AO-16, KO-25 | Morse : -.- -.. ..--- -... -..
>Packet : KD2BD @ N2SMV.NJ.USA.NA | WWW :
http://www.njin.net/~magliaco/
>Video : 426.250 MHz/439.250 MHz | FAX : +1.732.224.2060
>-=-=-=-=-=-=-=-=-=-=-=-=-=- Save Jobs. Employ
Linux. -=-=-=-=-=-=-=-=-=-=-=-=-=-
>
>
>---
>You are currently subscribed to htaprs as: tim_cunningham@mindspring.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

125. [htaprs] mir info for South Africa .

From: "Peter Black" <zr5dwc@iafrica.com>
Date: Mon, 7 Jun 1999 16:21:12 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24800-1999.06.07-09.28.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please could some one tell me where I could find info on South African Passes of Mir. I am very jealous of all the fun you guy's are having with your d-7's and Mir.

Could you also tell me how to make it all work with my D-7

Many thanks

Peter
ZR5DWC

126. [htaprs] Re: Connecting Equipment for Remote Control

From: Jon Ogden <jono@enteract.com>
Date: Mon, 7 Jun 99 09:35:21 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24801-1999.06.07-09.36.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I downloaded the TH-D7 off the Kenwood web site.

WOW! You can now download the HT and have it materialzie in front of
you?? Cool! No more waiting for UPS. What a great idea!

:-)

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

127. [htaprs] Re: mir info for South Africa .

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 7 Jun 1999 11:40:19 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        sarex@amsat.org, amsat-bb@amsat.org
Message-ID: <LYR845-24803-1999.06.07-10.47.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 7 Jun 1999, Peter Black wrote:

> Please ... where I could find info on South African Passes of Mir.
> I am very jealous of all the fun you guy's are having with your d-7's
> and Mir.

Passes today for MIR over SA are UTC times 2026, 2159, 2338
and then on the 8th of June at 0255, 0428, and 0603.

> Could you also tell me how to make it all work with my D-7

Yep, here is how to make it work in APRS packet mode:

1) Tune to 145.985
2) Press TNC button once to enable the TNC in APRS mode. (if the word
   "packet" appears then you pushed it twice). Press again to start over
2) Be sure you position is entered in the THD7 (APRS MENU 2-3)
3) Set the APRS Data Transmit menu to MANUAL (APRS Menu 2-9)
4) Set your "STATUS TEXT" to your Name or Email (APRS MENU 2-6)
5) Set your PACKET PATH to R0MIR (APRS MENU 2-8)

When MIR comes over, and it is not busy, press the BCON button each time
you want to send your POSITION/STATTUS packet. WHen you are successful,
you will see "MY PACKET" flashed on your screen. You may hear many
packets, but the THD7 will only decode and display APRS formatted packets.

When you receive other stations, they will appear on your APRS list. Just
hit the LIST button to see them and scroll through their data...

Once you have mastered this, then you can also send and receive APRS
Messages, but you can read all about it in the manual, or I can post here
as lesson #2...

 de WB4APR, Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] Re: [amsat-bb] BBS's versus DIGIPEATERS in space

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 7 Jun 1999 13:30:04 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
        amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Message-ID: <LYR845-24813-1999.06.07-12.36.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 6 Jun 1999, Tim Cunningham wrote:

> The efficiency problem on MIR stems from using the TNC single user
> BBS as mentioned.... it would be easy to convert this system to
> a multi-user package like FBB.... Some of the same congestion issues
> still remain with the amount of people trying to work the orbiting BBS,
> but it will allow multiple users to be logged on the system at one time.

Thanks, Tim. Unfortunately, I suspect this will just result in 10 users
with no success and much worse due to all their RETRY and ACKs, instead of
one user with no success. The problem is the useless CONNECT-REQUESTS and
BUSY-RESPONSE from the other 50 stations on frequency. Human nature being
what it is, there is no way to solve this problem, other than putting
ground station software at each users QTH to force them to share. Thats
what the PACSAT protocol is very good at.. and as you indicated...

ALthough it may appear that UI frames are EGO-SERVERS, this is not the
main reason why they would be so good on MIR or ISS or anyother Amateur
Satellite. It is because UI's can deliver the SAME messages to EVERYONE
that makes them ideal for MIR. If MIR was transmitting a series of UI
frames containing all the important messages regarding MIR on a continuous
basis, then FAR more people would receive the messages than the current
process of ONE-PERSON-PER-PASS. During a 5 minute pass, and say
transmitting only 1 such MIR BULLETIN packet every 3 seconds, MIR could
deliver over 100 lines of message traffic to everyone PER PASS and still
leave 66% of the time available for UI station-to-station communications.
This is exactly what this UI-DIGIPEATER-IN-SPACE (and APRS) is all about.

Its not just for us on the ground. It is an effecient means for
delivering LOTS of useful packets to LOTS of folks at the same time.

de WB4APR, Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

129. [htaprs] MIR success

From: "Bill McLarty" <bmclarty@trustmark.com>
Date: Mon, 7 Jun 1999 13:05:14 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24821-1999.06.07-13.14.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

During the 1645Z pass I heard K4EVH-7, KD4HTW, K4TWE-1, and KU4LY-7 from
Jackson, Mississippi (EM42). I also saw messages from Bob, W4APR. MY PACKET
was received twice. Did anyone hear me?

Bill McLarty, KM5GE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] Success finally

From: spoiler1 <spoiler1@earthlink.net>
Date: Mon, 07 Jun 1999 14:39:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24827-1999.06.07-14.44.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Although I have gotten e-mail replies that my call was seen on their
thd7's I finally got a
MY PACKET on the 1315CDT pass today. I also copied the following 4
messages

W8XF-7
KD4HTW
KE9NA-1 JON IN HIS JEEP!

what great fun this is

73 Gary
KC5UWA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] Re: Success finally

From: "Kurt A.F. Kiesow III" <kurt@ntgi.com>
Date: Mon, 07 Jun 1999 13:04:03 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24838-1999.06.07-15.10.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gave it a shot today w/ 5 watts on a small ground plane (simulating
camping...) here's who I heard:

KF6QNC>APRS:!3718.75N/12152.50WG
R0MIR>APRS:!9000.00N/18000.00W
W6LSW-7>APRS:!3845.86N/12035.20Wk
N6CO>APRS:!3813.75N/12022.50WG
WA2AGE-7>APRS:!3908.00N/12108.00W[
KK5YY-7>APRS:!3549.71N/10611.90W[
NY4I-7>APRS:!4032.33N/11151.15W[
N5CV>APRS:!3725.00N\12203.00Wn

--
Kurt A.F. Kiesow III   KF6QNC
President - The Network Technology Group, Inc.
Voice (408) 494-0310   Fax (408) 494-0303
http://www.ntgi.com

Success:
To laugh often and much; to win the respect of intelligent people
and affection of children; to earn the appreciation of honest
critics and endure the betrayal of false friends; to appreciate
beauty; to find the best in others

Unknown

"Timing has a lot to do with the outcome of a rain dance"
Anonymous

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

132. [htaprs] MIR Report

From: Jon Ogden <jono@enteract.com>
Date: Mon, 7 Jun 99 15:54:39 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24847-1999.06.07-15.57.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got through on MIR today on the 13:15 and 14:50 CDT passes. Heard
nothing during the 11:37 pass.

On the 13:15 pass I heard the following stations:

N1QAG
KD4HTW
W8XF-7
WA0GWA-7

I also saw a couple of other packets on my TH-D7A that came across as ??
I failed to write those calls down.

During the 14:50 pass, I saw and heard hardly anything. I got through
and saw a MY PACKET but the only thing I decoded was WB8YFL and that was
a ?? packet.

I heard plenty of packets but with the D7's crappy TNC decoding
abilitites, I couldn't copy much. The signals needed to be half scale at
least to decode and neither pass gave me many signals above half scale.

It was still awesome fun to realize that my signals had been received and
bounced back by a space craft!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] Re: MIR success

From: "Ed Palmer" <PalmerEd@email.msn.com>
Date: Mon, 7 Jun 1999 15:56:51 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24848-1999.06.07-16.03.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bill,

I heard you on the 1645Z pass while I was mobile on I-10 between Slidell and
New Orleans, LA. In addition to seeing KM5GE-7, I also got WB4APR-7,
K4TWE-1, KD4HTW, and K4EVH-7. I had a "?? KN4HH-9" a couple of times, too.

73,

--Ed

Ed Palmer, KU4LY
Navarre, FL
ku4ly@arrl.net

-----Original Message-----
From: Bill McLarty <bmclarty@trustmark.com>
> Did anyone hear me?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] TH-D7A and Open squelch

From: c_watson@asi.admworld.com
Date: Mon, 7 Jun 1999 15:34:52 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24850-1999.06.07-16.41.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was wondering (uh oh) if the D7 is capable of open squelch. I have tested
and found when the radio is on APRS mode that it will not transmit when the
squelch is opened but I have not tested to see if it will do open squelch in
packet mode using APRS (i.e. winaprs, dosaprs...).

Anyone try this yet??

Thanks and 73
Clayton Watson

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] More Mir Reports

From: "Kurt A.F. Kiesow III" <kurt@ntgi.com>
Date: Mon, 07 Jun 1999 14:35:24 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24851-1999.06.07-16.42.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the 14:20 (PDT) pass I copied the following in San Jose Ca.:

KF6QNC>APRS:!3718.75N/12152.50WG
R0MIR>APRS:!9000.00N/18000.00W
KB6LWN>APRS:!3846.25N/12242.50WG
KB7WWP>APRS:!4336.55N\11617.75WK
AB7QN-1>APRS:!4418.81N/12405.66Wy
NY4I-7>APRS:!4032.33N/11151.15W[
K7GPS-7>APRS:!4632.00N/12323.00W[
KB8RWI>APRS:!9000.00N/18000.00W

--
Kurt A.F. Kiesow III   KF6QNC
President - The Network Technology Group, Inc.
Voice (408) 494-0310   Fax (408) 494-0303
http://www.ntgi.com

Success:
To laugh often and much; to win the respect of intelligent people
and affection of children; to earn the appreciation of honest
critics and endure the betrayal of false friends; to appreciate
beauty; to find the best in others
Unknown

"Timing has a lot to do with the outcome of a rain dance"
Anonymous

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] Re: MIR Report

From: David Dobbins <ddobbins@localaccess.com>
Date: Mon, 7 Jun 99 14:36:06 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24852-1999.06.07-16.42.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I heard KB8RWI (I think I got this right, as TH-D7 memory was full)
during pass about 1430PDT today. Dave/K7GPS-7

David S. Dobbins Amateur Radio K7GPS
Pe Ell, Washington NWAPRS Coordinator
360-291-3707 www.nwaprs.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] Re: mir info for South Africa .

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 7 Jun 1999 17:58:21 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org, amsat-bb@amsat.org, sarex@amsat.org
Message-ID: <LYR845-24859-1999.06.07-17.05.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 7 Jun 1999, John wrote:

> > Once you have mastered this, then you can also send and receive APRS
> > Messages, but you can read all about it in the manual, or I can post here
> > as lesson #2...
>
> Bob, lesson #2 would be nice.

OK, Here is how to send messges from the THD7. FIrst you must enter the
call of who to send it to, and then the message. In the THD7 there are
several ways:

1) Press MSG and select INPUT. THen input the call and the message.

2) If you press MSG while on either the POSITIONS LIST or the MSG LIST,
then it will pre-load the callsign of the station you are looking at.

3) Once a message is entered, it will be transmitted once per minute for
up to 5 minutes. Then it will stop.

4) You can force a transmission at any time by pressing MSG-TRANSMIT
menu. These do not count against the 5 miunute counter. THus, if you
manually force a transmission, and are successful with an ACK, then please
cancel it. THis is done by listing the MSG and then presseing DEL key.

5) I have 3 messages I am using on MIR. I just go select one of them
left over from before, and press MSG. It copies the old message, and
allows me to edit the message. THen press OK to send it.

Have fun!

Remember, even without MIR, if you are anywhere within the Northa American
APRS infrastructure (144.39 MHz) you should be able to send and receive
such messages to anyone anywhere else within the infrastructure due to the
transparent IGATE glue that glues the whole APRS world together...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] Re: MIR Report

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 7 Jun 1999 18:23:27 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-24866-1999.06.07-17.30.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 7 Jun 1999, Jon Ogden wrote:

> I heard plenty of packets but with the D7's crappy TNC decoding
> abilitites, I couldn't copy much. The signals needed to be half scale at
> least to decode and neither pass gave me many signals above half scale.

How can you tell? A dead full quieting packet that is not APRS will not
be decoded at all. Maybe all the packets you are hearing are BBS traffic,
DM frames, or ACKS...

My THD7 can hear down to 3 LCD segments and wuite noisy signals...
(but only the APRS packets of course)...

de WB4APR, Bob
 >
> It was still awesome fun to realize that my signals had been received and
> bounced back by a space craft!
>
> 73,
>
> Jon
> KE9NA
>
>
> --
> The Second Amendment is NOT about duck hunting!
>
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Re: [amsat-bb] BBS's versus DIGIPEATERS in space

From: RogerKola@aol.com
Date: Mon, 7 Jun 1999 19:03:09 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, aprssig@tapr.org, aprsnews@tapr.org,
        amsat-bb@amsat.org, sarex@amsat.org
Message-ID: <LYR845-24875-1999.06.07-18.11.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As an old time user (RS-6 CW) I would just like to make a comment that has
been running in my brain for a couple of years.....

Many of the operators trying to connect continuously to MIR are simply
"DX'ers" looking for a new "zone" or "country" and a QSL...

Why not take "ROMIR"... the local keyboard...and have it dish out "contact
numbers" ...which are quickly QSL'ed.. and eliminate the DX portion of the
"pileups"?

That leaves the genuine users of the BBS and the Obsessive-Compulsives to
fight for the 10 minute passes...

I have nothing against DX'ers or Obsessive- Compulsives...."Been there...Done
that...Got the T-Shirt"....

But with "Newbies" coming in every day (nothing against them either..been

there too)
...This would be a way to clear maybe 50% of the uplinks and eliminate some
of the
hits....

If I'm out of line let me know...I'm thick skinned...and I live in Boston

Roger

WA1KAT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] Even More Mir Reports

From: "Kurt A.F. Kiesow III" <kurt@ntgi.com>
Date: Mon, 07 Jun 1999 16:15:40 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24879-1999.06.07-18.21.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the 15:58 (PDT) pass I copied the following in San Jose Ca.:

KF6QNC>APRS:!3718.75N/12152.50WG
KE6WDR>APRS:!3726.35N/12219.36W-
KD6PLI>APRS:!9000.00N/18000.00W
KC7LSP>APRS:!9000.00N/18000.00W
R0MIR>APRS:!9000.00N/18000.00W
KC7QAG>APRS:!4403.75N/12312.50WG
K7GPS-7>APRS:!4632.00N/12323.00W[
K7GPS-9>APRS:!9000.00N/18000.00W
WA6YLB-6>APRS:!3616.90N/11918.35Wy
--
Kurt A.F. Kiesow III KF6QNC
President - The Network Technology Group, Inc.
Voice (408) 494-0310 Fax (408) 494-0303
http://www.ntgi.com

Success:
To laugh often and much; to win the respect of intelligent people
and affection of children; to earn the appreciation of honest
critics and endure the betrayal of false friends; to appreciate
beauty; to find the best in others
Unknown

"Timing has a lot to do with the outcome of a rain dance"
Anonymous

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] Mir pass on Monday @ 1945Z

From: Chris Verbil <Chris_Verbil@Trimble.COM>
Date: Mon, 7 Jun 1999 16:15:16 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "'htaprs@lists.tapr.org'" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24880-1999.06.07-18.23.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Doubt this is a record, but it sure was interesting...copied Jon, KE9NA-1,
in Illinois while I am here in California. 1842 miles. Was just lucky to
hit Mir while it was in a descending node here, and evidently at the same
time Jon was using it while it was still ascending.

cv
N5CV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

142. [htaprs] 1802 CDT Mir Pass

From: spoiler1 <spoiler1@earthlink.net>
Date: Mon, 07 Jun 1999 18:21:29 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24882-1999.06.07-18.26.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I caught the following stations during this evenings pass.

KC7LSP
KB8RWI
KB0WZI
N1QAG
KC5JOE-7
KE9NA-1
W4GU
WA9BNZ

73 Gary
KC5UWA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] Re: MIR Report

From: Jon Ogden <jono@enteract.com>
Date: Mon, 7 Jun 1999 18:29:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24884-1999.06.07-18.35.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>How can you tell? A dead full quieting packet that is not APRS will not
>be decoded at all. Maybe all the packets you are hearing are BBS traffic,
>DM frames, or ACKS...
>
>My THD7 can hear down to 3 LCD segments and wuite noisy signals...
>(but only the APRS packets of course)...

OK. Perhaps. I just know from my local terrestrial APRS work where
their isn't any BBS traffic that my TH-D7A is not good at decoding packet.

The interesting thing about the MIR stuff is that I only have about 1 to
2 minutes in the pass when I can decode packets. At least that's the way
it seems. Perhaps there wasn't a good pass anywhere near Chicago today,
but if we are going to have an APRS bird up there it needs to have a
better orbit where the passes are a little bit longer. Otherwise, I am
afraid that its usage will be somewhat limited.

On the 18:04 pass today I did not have enough time to respond to a
message I got from KC4JOE-7 before I lost the signal. That is too short.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] Fw: mir

From: "Darrell Sutton" <dsutton@visi.net>
Date: Mon, 7 Jun 1999 19:30:14 -0400

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24885-1999.06.07-18.35.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Join The Virginia APRS List serve APRSVA@onelist.com
Darrell Sutton KF4HJW Newport News ARES AEC ORS 145.23 442.90
144.39 APRS THD7a -2 KF4HJW-10 Digi in Toano Va.,KF4HJW IGATE Newport News
VA
145.73 Packet KF4HJW@ke4dv.#tide.va.usa.noam
Packet Net Tues at 8:15 local on KR4MA system in District 7 VA ARES
APRS Net Sundays 7:30pm in Tidewater VA. Visit WWW.APRS.NET

-----Original Message-----
From: Darrell Sutton <dsutton@visi.net>
To: aprssig <aprssig@tapr.org>
Date: Monday, June 07, 1999 7:21 PM
Subject: mir

>1907 EDT PASS I saw n2nwz-7 w4gu n3uyi-7ke49na-1
>and r0mir
>
>Join The Virginia APRS List serve APRSVA@onelist.com
>Darrell Sutton KF4HJW Newport News ARES AEC ORS 145.23 442.90
>144.39 APRS THD7a -2 KF4HJW-10 Digi in Toano Va.,KF4HJW IGATE Newport News
>VA
>145.73 Packet KF4HJW@ke4dv.#tide.va.usa.noam
>Packet Net Tues at 8:15 local on KR4MA system in District 7 VA ARES
>APRS Net Sundays 7:30pm in Tidewater VA. Visit WWW.APRS.NET
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] Re: TH-D7A and Open squelch

From: John Ackermann <jra@febo.com>
Date: Mon, 07 Jun 1999 19:34:52 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24887-1999.06.07-18.41.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I was wondering (uh oh) if the D7 is capable of open squelch. I have tested
> and found when the radio is on APRS mode that it will not transmit when the
> squelch is opened but I have not tested to see if it will do open squelch in
> packet mode using APRS (i.e. winaprs, dosaprs...).
>
> Anyone try this yet??
>
> Thanks and 73
> Clayton Watson

I haven't had a chance to fully check it out yet, but it looks as though the D7 uses a purely noise activated DCD, like the Mic-E. This makes sense if you use the radio in Mic-E mode where it transmits on a Mic-E enabled repeater and has to know not to transmit on top of a voice user, but it is annoying when you're using the radio on a purely packet channel.

John N8Ur
jra@febo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] Re: [sarex] BBS's versus DIGIPEATERS in space

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 7 Jun 1999 19:57:45 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: sarex@amsat.org, htaprs@tapr.org
Message-ID: <LYR845-24893-1999.06.07-19.04.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

European pass with 33 stations trying to log on (280 DM frames (80%))
> > BBS: 330 packets to transfer 27 useful lines of text = 8%   effeciency
> > CNCT: 17 packets to transfer 1 useful line of text = 6%   effeciency
> > UI: 2 packets to transfer 2 useful lines of text = 100% effeciency

Today I decided to see the statistics for a USA pass. Here are two of
them as received on my omni antenna (thus fewer total packets compared to
the file received by a tracking antenna in Europe above).

USA PASS1 with 15 users. 4 trying to use BBS (15 DM frames 15%)
    The others were using UI frames.
    BBS: 54 pkts to transfer 10 useful lines of text = 18%
    CNCT: None seen
    UI: 31 packets conveyed 26 useful text lines   = 84%

USA PASS2 with 16 users. 4 trying to use BBS (23 DM frames (15%)
    others were using UI frames.
    BBS: 98 pkts to convey 18 useful lines of text   = 18%
    CNCT: 29 pkts to convey 1 text line   = 3%
    UI: 28 pkts to convey 26 useful lines or text   = 93%

Yes, the USA passes had half the number of users but only 1/4th of them
were trying to use the BBS. THe other 3/4ths were having a good time
communicating with UI frames with everyone being successful! All this
while the connected BBS users were ALSO successful!

Notice how much more successful the BBS users were, since the BBS was
not busy responding to an infinite supply of CONNECT-REQUESTS and sending
BUSY Frames.

This analysis does not attempt to draw any conclusions about the different
operating methods in the USA versus Europe other than the fact that
everyone agrees that the majority of the congestion is due to
CONNECT-REQUESTS/BUSY-DISCONNECT packets which convey no useful info.

By the way, the 15/16 users and 4/4 BBS users per pass were all different
calls except for 3 of the UI stations (I was one of them). THus, in two
passes there were 4 successful loggons out of 8 stations trying and 21
other stations communicated via UI's total. Or somethig like that.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] mir 2041edt pass

From: "Darrell Sutton" <dsutton@visi.net>
Date: Mon, 7 Jun 1999 20:57:29 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24895-1999.06.07-20.02.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I here a little outside but no luck myself however
My home did hear left with mic unplugged the following stations
n4zq n5zln ka0ott-7 kc5trb kc7zru-2 k4twe-1 wa4ssp-7
n4wyk-7 kz5rw-7 kg4crk-7 wb4apr-7
ks4xn-14
also messages/bullentins from
wa9bnz kb0wzi n4zqwb4apr-7

Join The Virginia APRS List serve APRSVA@onelist.com
Darrell Sutton   KF4HJW Newport News ARES AEC ORS 145.23 442.90
144.39 APRS THD7a -2 KF4HJW-10 Digi in Toano Va.,KF4HJW IGATE Newport News
VA
145.73 Packet KF4HJW@ke4dv.#tide.va.usa.noam
Packet Net Tues at 8:15 local on KR4MA system in District 7 VA ARES
APRS Net Sundays 7:30pm in Tidewater VA. Visit WWW.APRS.NET

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] 2041 EDT Pass

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Mon, 7 Jun 1999 20:53:19 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24898-1999.06.07-20.03.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good pass!

In reverse order:

WB4APR-7
K4TWE-1
N4WYK-7
N4ZQ (Keith is close enough i can hear him direct but I did copy his
digipeated tx too)
KD5HAD
KS4XN-144
KZ4RW-7
KC7ZRU-2 (@ 1589 MILES NW OF ME!) BEST DX so far.

I hit it with the 6 volt battery @ 2w then dropped it to 1w and hit it
again! Tried 50mw no luck.

73
Paul
KR4YL (-7)
EL87ov
Largo, FL

Paul E. Knupke, Jr.   pk@ij.net
Largo, FL   ICQ#605259
Amateur Radio: KR4YL
/--->
| Support WCF Section - www.qsl.net/wcfla
| Go FCG! * KR4YL/R 442.15+ (103.5) CLW, FL
\--->

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] Mir Pass 1938CDT

From: spoiler1 <spoiler1@earthlink.net>
Date: Mon, 07 Jun 1999 19:59:31 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24899-1999.06.07-20.05.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all
Heard the following stations during this pass
K9MTN-7
KB0WZI
NY4I-7
R0MIR-7
N5MML
R0MIR
KC7ZRU
N5ZNL
KD5XB
KG0ND
WA9BNZ
KA0TTY-7
KA0TTY
N4ZQ

Heard these from Central Oklahoma

73 Gary
KC5UWA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] MIR orbit 75996

From: "Harry Burford" <hburford@airmail.net>
Date: Mon, 7 Jun 1999 20:05:19 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24900-1999.06.07-20.11.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is 2 for 2 on trying to use WinAPRS to record a MIR pass. Lots of really good data again and again everything was lost as WinAPRS caused an invalid page fault. Program runs solid at all times except when trying to record MIR. At least, thats been 100% of the cases.

>From the D7 outside, I recorded for orbit 75996 from EM12 near Dallas, TX

KC7ZRU-2 745 miles NW
KC5UWA 196 miles N
KA0TTY
KB0WZI 653 miles NW
N4ZQ Does it really matter if MIR is not Y2K compl
WA9BNZ HI. from Bill

Ran the D7 on mid power and the stock antenna. Really hard to get a response, but eventually got my packet back. I think EL would have been impossible.

Harry, KA0TTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] Another Great Pass from MIR!

From: Rick Tilton <N4WYK@InfoAve.Net>
Date: Mon, 07 Jun 1999 21:34:18 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24903-1999.06.07-20.40.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Got two packet thru myself this time. Hope it showed up in someone's list! Those heard this pass were:

KR4YL-7
WB4APR-7 (Also got BLN)
K4TWE-1
N4ZQ (Also got BLN)
KZ5RW-7
KD4HAD
KS4XN-14
KC7ZRU-2 (Farthest station.. 1367mi. My record is 1600+ mi from a 7 station but forgot who and exact Number!)
KC4UWA
KA0TTY
KA0TTY-7
WA9BNZ 9 (BLN ONLY)
KB0WZI (BLN ONLY)

Appeared to be a Great pass overall! Saw a lot of new stations. Still having fun!

Rick Tilton
ARS - N4WYK
N4WYK@Infoave.net
Tiltonr@Nationwide.com (Text only at work)
Foothills of North Carolina APRS Website: HTTP://Web.Infoave.Net/~N4WYK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] My MIR list

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 7 Jun 1999 21:43:15 -0400 (EDT)

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org, amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Message-ID: <LYR845-24906-1999.06.07-20.50.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Today, my HT got to the bottom of the list and started overwriting
stations, so it is time for me to post my results as recorded in my HT
with only a rubber duck (14 inch one) listening on MIR 145.985 for
about 4 days. List is oldest to newest. Last pass was 2041 EDT
Monday 7 June 99. I will record for one more day...

STATION	ICON	POSIT	RANGE		COMMENT
N1NFC	lost	EM90??	644mi		lost
WD9GVU-2	lost	lost	lost		lost
W4DJV	House	FM18ds	60mi	west	lost
WD8LAQ-9	car	FM18ow	15mi	west	listening 146.835
WB4NLD	Kenwood	EM61??	804mi	SW	lost
VE3FTA-7	Jeep	lost	lost		lost
KC8JDS-3	Tangle	EN80QA	326mi	West	THD7A
NP3C-7	Runner	FM18SX	14mi	SE	HI! NP3C@juno.com
K9GD-15	Kenwood	EN52VA	640mi	W	QRP 5wts Chicago
VA3SD-7	Truck	FN04GN	402mi	N	Chuck mobile in Ont.
KO4UU-7	Kenwood	FM09PP	117mi	west	Cumb MD
K9GD-7	CAR	EN52VA	640mi	W	Mobile via MIR
N6QAB-7	Runner	FM18TI	56mi	S	Kevin at Pax Riv MD
KC5DHE	House	EM13ob	1202mi	west	Tom in Plano, TX
N8UR-7	Runner	EM79WP	405mi	west	jra@febo.com
AJ4Y-7	Runner	WL97bw	829mi	s	Paul's D7
WB4APR	House	FM19qd	0mi	e	Bob's QTH
KB8RWA	none	none			KB8RWA/R RWA/D
KA2BQE-7	Kenwood	FN34nm	418mi	NE	ka2bqe@amsat.org
W4GV	Dish	EM7oef	802mi	SE	W4GV EM70ef BayCom
KU4GY-7	Runner	EL95TP	955mi	S	EL95
G3ZFJ-7	Runner	FN30kr	216mi	NE	W3GZF@UNIX.ASB.COM
WB4APR-9	Van	FM18qx	13mi	S	Just commuting
WB0WNX-5	Kenwood	EN12TM	1063mi	W	none
KS4XQ	Dish	EM84QS	448mi	SW	Wes in Easley, SC
W1GTT-3	Runner	FN31VJ	278mi	NE	Bill
VE3XF-2	Runner	EN94wk	406mi	NW	ve3xf@rac.ca
KE9NA-1	Jeep	EN51vt	640mi	west	JON IN HIS JEEP!
W8XF-7	Pickup	EM98ei	276mi	west	none
N1QPR-7	Sailboat	FN41IL	321mi	NW	N1QPR@AMSAT.ORG FN42
W3ADO-7	Tent	FM18sx	13mi	SE	Hi! fm BOB
K4EVH-7	Car	FM18ix	38mi	west	THD7A
KD4HTW	House	FM04ae	391mi	SE	APRS KD4HTW MAILBOX
VE3KBL-7	Runner	EO91qg	860mi	N	D7
WB8TDG-9	Runner	EM79xs	400mi	west	RexBEAVERCREEK443675
N2NWZ-7	Runner	FN30bx	193mi	NW	Anthony Yonkers NY
N3UYI-7	Runner	FM19qq	38mi	N	FM19qq THD7
N1QAG	House	FN34tx	457mi	NE	N.Troy VT.
KC7ZRU-2	Dish	DN71eh	1540mi	west	kc7zru@arrl.net -WYA
KS4XN-14	Jeep	EL89tq	731mi	SW	none
KD5HAD	Jeep	EN63bb	648mi	NW	James@JMartin.net
N4ZQ	Cloud	EL88oa	845mi	SW	Keith from delightfu
W4TWE-1	Kenwood	EM84QS	448mi	SW	Tommy's D7
N4WYK-7	Runner	EM95HR	352mi	SW	N4WYK@INFOAVE.NET
KR4YL-7	Runner	EL87ov	854mi	SW	D7A PAUL pk@ij.net
WA4SSP-7	Boat	EM95ml	349mi	SW	jsnoddy@conninc.com

Notice the last pass was to the South West. This is 46 stations, all with
the Kenwood except for about 5 or so. Of course, the THD7 does not
capture any non-APRS packets, so many more UI frame communicators may have
been on also.

de WB4APR, Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

153. [htaprs] Finally!

From: John <jwhughes@bellsouth.net>
Date: Mon, 07 Jun 1999 21:38:58 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24910-1999.06.07-20.52.56--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

About time, got my first "my packet" from here in Gainesville, Fal during a
strong 8:40 pass. Glad i had my base aprs station set to 145.985 and the
racket reminded me to get outside and give it a try. Also heard:

N4ZQ (Y2K MIR COMPLIANT ?)
KR4YL-7
KZ5RW-7 (HI ALL!)
KD5HAD

Felt good to know it was possible from here by me...lol.

73 de john, ks4xn

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] MIR passes USA for Tuesday

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 7 Jun 1999 22:01:04 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: amsat-bb@AMSAT.Org, sarex@AMSAT.Org, aprsnews@tapr.org
Message-ID: <LYR845-24913-1999.06.07-21.07.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Last day of informal HT COMM test via MIR. Running 5 watts max to rubber
duck antennas. Here are passes for USA:

PDT	MDT	CDT	EDT
...	...	1228	1128
1003	1103	1205	1308
1135	1237	1340	1443
1312	1415	1518	1621
1448	1550	1653	1756
1624	1726	1829	1932
1800	1902	2005	2108
1935	2037	2139	..

Enjoy. de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] still another MIR rpt

From: "Mac McMillian" <w8xf@traxsal.net>
Date: Mon, 7 Jun 1999 22:09:07 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24922-1999.06.07-21.18.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Had a demo for a group of 4,5,6 graders at a county Science camp tonite...
took D7 and Arrow Beam and PocketAPRS along. Charleston,WV

Pass at 2305Z:

KD5HAD 493.0 MILES
KE9NA-1 101.7
KF4HJW-2 304.1
KO4UU-7 84.4
N1QAG 887.6
N2NWZ-7 384.1
N3UYI-7 190.1
VA3HRA NO POSIT
VA3SD-7 299.7
W4GV 408.1
WA9BNZ 422.9
W8XF-7 VIA R0MIR
    The kids ate it up...as did I.

Ham radio rules!!!!!
73,

Mac W8XF-7 SEC WV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] Heard with D7

From: "Paul Lantz" <plantz@onlink.net>
Date: Mon, 7 Jun 1999 21:14:29
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24923-1999.06.07-21.20.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Heard these stations with D7 from Moosonee, Ontario, got a few of my own
packets digipeated once in a while too:

N2NWZ-7   dx no data (??)
KD4HTW FM04AE 1181mi
N1QAG N. Troy VT 577mi
K4EVH-7   FM18IX 863mi
WB4APR-7 FM19QD 860mi
KE4IAM
G3ZFJ-7 FN30KR 813mi
VE3XF-2 FN04DK 474mi
KS4XQ Easley SC EM84QS 1144mi
N7SFI KE6TIV Hi DN40ES 1652mi
W1GTT-3 Bill FN31VJ 792mi
WB0WNX-5EN12TM 958mi
KB8RWI
KB5EDB San Angelo T DM91TK 1703mi

Thanks to everyone who is taking part. This is the first time I have been
to use APRS on the air from home.

73
Paul
VE3KBL in EO91

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

157. [htaprs] RE: [amsat-bb] Re: [sarex] BBS's versus DIGIPEATERS in space

From: "Michael P. Olbrisch" <kd9kc@elp.rr.com>
Date: Tue, 8 Jun 1999 02:31:32 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <sarex@AMSAT.Org>, <htaprs@tapr.org>
Message-ID: <LYR845-24929-1999.06.07-21.42.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: owner-AMSAT-BB@AMSAT.Org [mailto:owner-AMSAT-BB@AMSAT.Org]On
> Behalf Of Bob Bruninga
> Sent: Monday, June 07, 1999 11:58 PM
> To: amsat-bb@AMSAT.Org
> Cc: sarex@AMSAT.Org; htaprs@tapr.org
> Subject: [amsat-bb] Re: [sarex] BBS's versus DIGIPEATERS in space
>
>
> Yes, the USA passes had half the number of users but only
> 1/4th of them
> were trying to use the BBS. THe other 3/4ths were having a good time
> communicating with UI frames with everyone being successful! All this
> while the connected BBS users were ALSO successful!
>

It is nice to know that at this particular time in history we are
doing something right! <GRIN>   The UI contacts I have had have
been fun, and I didn't need to wait for the system to disconect
before calling somebody else. It really works.

Vy73, Mike.   KD9KC   MARS: AAV6EV
kd9kc@elp.rr.com - kd9kc@amsat.org
Home page: http://www.qsl.net/kd9kc/
The farthest WEST ham in West Texas.

Its so dry in El Paso that I saw
two trees fighting over a dog !!!

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

158. [htaprs] 2113 CDT Mir Pass

From: spoiler1 <spoiler1@earthlink.net>
Date: Mon, 07 Jun 1999 21:37:47 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24930-1999.06.07-21.43.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all
I received packets from the following stations during this pass. I hope
some of them received from me as well :-)

KB0WZI
KC7ZRU-2
R0MIR
R0MIR-1
K9MTN-7
WA6LIE-
KE6TIV
KB8RWI
WA6YET
N6GPS-7
KA0TTY
KC5JOE-7

all received from central Oklahoma

73 Gary
KC5UWA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

159. [htaprs] Re: My MIR list

From: "Harry Burford" <hburford@airmail.net>
Date: Mon, 7 Jun 1999 21:34:01 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24935-1999.06.07-22.09.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Wouldn't KC5DHE, 1202 miles and KC7ZRU-2 1540 miles be outside the footprint
for MIR? How did you receive them?

hb

----- Original Message -----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: TAPR HT APRS Special Interest Group <>
Cc: <htaprs@tapr.org>; <amsat-bb@AMSAT.Org>; <sarex@AMSAT.Org>
Sent: Monday, June 07, 1999 8:43 PM
Subject: [htaprs] My MIR list

> Today, my HT got to the bottom of the list and started overwriting
> stations, so it is time for me to post my results as recorded in my HT
> with only a rubber duck (14 inch one) listening on MIR 145.985 for
> about 4 days. List is oldest to newest. Last pass was 2041 EDT
> Monday 7 June 99. I will record for one more day...
>
> STATION ICON   POSIT   RANGE   COMMENT

> -------- -------- ------ ------ ---- -----------------
> N1NFC   lost   EM90?? 644mi   lost
> WD9GVU-2 lost   lost   lost   lost
> W4DJV   House   FM18ds   60mi west lost
> WD8LAQ-9 car   FM18ow   15mi west listening 146.835
> WB4NLD   Kenwood EM61?? 804mi SW   lost
> VE3FTA-7 Jeep   lost   lost   lost
> KC8JDS-3 Tangle   EN80QA 326mi West THD7A
> NP3C-7   Runner   FM18SX   14mi SE   HI! NP3C@juno.com
> K9GD-15 Kenwood EN52VA 640mi W   QRP 5wts Chicago
> VA3SD-7 Truck   FN04GN 402mi N   Chuck mobile in Ont.
> KO4UU-7 Kenwood FM09PP 117mi west Cumb MD
> K9GD-7   CAR   EN52VA 640mi W   Mobile via MIR
> N6QAB-7 Runner   FM18TI   56mi S   Kevin at Pax Riv MD
> KC5DHE   House   EM13ob 1202mi west Tom in Plano, TX
> N8UR-7   Runner   EM79WP 405mi west jra@febo.com
> AJ4Y-7   Runner   WL97bw 829mi s   Paul's D7
> WB4APR   House   FM19qd   0mi e   Bob's QTH
> KB8RWA   none   none   KB8RWA/R RWA/D
> KA2BQE-7 Kenwood FN34nm 418mi NE   ka2bqe@amsat.org
> W4GV   Dish   EM7oef 802mi SE   W4GV EM70ef BayCom
> KU4GY-7 Runner   EL95TP 955mi S   EL95
> G3ZFJ-7 Runner   FN30kr 216mi NE   W3GZF@UNIX.ASB.COM
> WB4APR-9 Van   FM18qx   13mi S   Just commuting
> WB0WNX-5 Kenwood EN12TM 1063mi W   none
> KS4XQ   Dish   EM84QS 448mi SW   Wes in Easley, SC
> W1GTT-3 Runner   FN31VJ 278mi NE   Bill
> VE3XF-2 Runner   EN94wk 406mi NW   ve3xf@rac.ca
> KE9NA-1 Jeep   EN51vt 640mi west JON IN HIS JEEP!
> W8XF-7   Pickup   EM98ei 276mi west none
> N1QPR-7 Sailboat FN41IL 321mi NW   N1QPR@AMSAT.ORG FN42
> W3ADO-7 Tent   FM18sx   13mi SE   Hi! fm BOB
> K4EVH-7 Car   FM18ix   38mi west THD7A
> KD4HTW   House   FM04ae 391mi SE   APRS KD4HTW MAILBOX
> VE3KBL-7 Runner   EO91qg 860mi N   D7
> WB8TDG-9 Runner   EM79xs 400mi west RexBEAVERCREEK443675
> N2NWZ-7 Runner   FN30bx 193mi NW   Anthony Yonkers NY
> N3UYI-7 Runner   FM19qq   38mi N   FM19qq THD7
> N1QAG   House   FN34tx 457mi NE   N.Troy VT.
> KC7ZRU-2 Dish   DN71eh 1540mi west kc7zru@arrl.net -WYA
> KS4XN-14 Jeep   EL89tq 731mi SW   none
> KD5HAD   Jeep   EN63bb 648mi NW   James@JMartin.net
> N4ZQ   Cloud   EL88oa 845mi SW   Keith from delightfu
> W4TWE-1 Kenwood EM84QS 448mi SW   Tommy's D7
> N4WYK-7 Runner   EM95HR 352mi SW   N4WYK@INFOAVE.NET
> KR4YL-7 Runner   EL87ov 854mi SW   D7A PAUL pk@ij.net
> WA4SSP-7 Boat   EM95ml 349mi SW   jsnoddy@conninc.com
>
> Notice the last pass was to the South West. This is 46 stations, all with
> the Kenwood except for about 5 or so. Of course, the THD7 does not
> capture any non-APRS packets, so many more UI frame communicators may have
> been on also.
>
> de WB4APR, Bob
>
>
>
>
> ---
> You are currently subscribed to htaprs as: HBURFORD@AIRMAIL.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

160. [htaprs] Date & Time stamps for station list / built-in GPS in D7++

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Mon, 7 Jun 1999 22:18:48 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24957-1999.06.08-00.25.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This exercise has reminded me how useful a date & time stamp would be as a
feature of the station list on the D7!

While the Kenwood engineers are busy squezzing that in on the next release, I hope they take a look at the new CASIO wrist-watch GPS. Maybe they can squeeze a GPS receiver into the successor to the D7 and make everyone's dreams come true - a totally self-contained tracker + dual band HT... ;-)

Ed Braaten, K6EKB
mailto:k6ekb@arrl.net
http://home.sprynet.com/~ekb/

-----Original Message-----
From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
Sent: 7 June 1999 18:43
To: TAPR HT APRS Special Interest Group
Cc: htaprs@tapr.org; amsat-bb@AMSAT.Org; sarex@AMSAT.Org
Subject: [htaprs] My MIR list

Today, my HT got to the bottom of the list and started overwriting stations, so it is time for me to post my results as recorded in my HT with only a rubber duck (14 inch one) listening on MIR 145.985 for about 4 days. List is oldest to newest. Last pass was 2041 EDT Monday 7 June 99. I will record for one more day...

STATION	ICON	POSIT	RANGE		COMMENT
N1NFC	lost	EM90??	644mi		lost
WD9GVU-2	lost	lost	lost		lost
W4DJV	House	FM18ds	60mi	west	lost
WD8LAQ-9	car	FM18ow	15mi	west	listening 146.835
WB4NLD	Kenwood	EM61??	804mi	SW	lost
VE3FTA-7	Jeep	lost	lost		lost
KC8JDS-3	Tangle	EN80QA	326mi	West	THD7A
NP3C-7	Runner	FM18SX	14mi	SE	HI! NP3C@juno.com
K9GD-15	Kenwood	EN52VA	640mi	W	QRP 5wts Chicago
VA3SD-7	Truck	FN04GN	402mi	N	Chuck mobile in Ont.
KO4UU-7	Kenwood	FM09PP	117mi	west	Cumb MD
K9GD-7	CAR	EN52VA	640mi	W	Mobile via MIR
N6QAB-7	Runner	FM18TI	56mi	S	Kevin at Pax Riv MD
KC5DHE	House	EM13ob	1202mi	west	Tom in Plano, TX
N8UR-7	Runner	EM79WP	405mi	west	jra@febo.com
AJ4Y-7	Runner	WL97bw	829mi	s	Paul's D7
WB4APR	House	FM19qd	0mi	e	Bob's QTH
KB8RWA	none	none			KB8RWA/R RWA/D
KA2BQE-7	Kenwood	FN34nm	418mi	NE	ka2bqe@amsat.org
W4GV	Dish	EM7oef	802mi	SE	W4GV EM70ef BayCom
KU4GY-7	Runner	EL95TP	955mi	S	EL95
G3ZFJ-7	Runner	FN30kr	216mi	NE	W3GZF@UNIX.ASB.COM
WB4APR-9	Van	FM18qx	13mi	S	Just commuting
WB0WNX-5	Kenwood	EN12TM	1063mi	W	none
KS4XQ	Dish	EM84QS	448mi	SW	Wes in Easley, SC
W1GTT-3	Runner	FN31VJ	278mi	NE	Bill
VE3XF-2	Runner	EN94wk	406mi	NW	ve3xf@rac.ca
KE9NA-1	Jeep	EN51vt	640mi	west	JON IN HIS JEEP!
W8XF-7	Pickup	EM98ei	276mi	west	none
N1QPR-7	Sailboat	FN41IL	321mi	NW	N1QPR@AMSAT.ORG FN42
W3ADO-7	Tent	FM18sx	13mi	SE	Hi! fm BOB
K4EVH-7	Car	FM18ix	38mi	west	THD7A
KD4HTW	House	FM04ae	391mi	SE	APRS KD4HTW MAILBOX
VE3KBL-7	Runner	EO91qg	860mi	N	D7
WB8TDG-9	Runner	EM79xs	400mi	west	RexBEAVERCREEK443675
N2NWZ-7	Runner	FN30bx	193mi	NW	Anthony Yonkers NY
N3UYI-7	Runner	FM19qq	38mi	N	FM19qq THD7
N1QAG	House	FN34tx	457mi	NE	N.Troy VT.
KC7ZRU-2	Dish	DN71eh	1540mi	west	kc7zru@arrl.net -WYA
KS4XN-14	Jeep	EL89tq	731mi	SW	none
KD5HAD	Jeep	EN63bb	648mi	NW	James@JMartin.net
N4ZQ	Cloud	EL88oa	845mi	SW	Keith from delightfu
W4TWE-1	Kenwood	EM84QS	448mi	SW	Tommy's D7
N4WYK-7	Runner	EM95HR	352mi	SW	N4WYK@INFOAVE.NET
KR4YL-7	Runner	EL87ov	854mi	SW	D7A PAUL pk@ij.net

WA4SSP-7 Boat   EM95ml 349mi SW   jsnoddy@conninc.com

Notice the last pass was to the South West. This is 46 stations, all with
the Kenwood except for about 5 or so. Of course, the THD7 does not
capture any non-APRS packets, so many more UI frame communicators may have
been on also.

de WB4APR, Bob

You are currently subscribed to htaprs as: k6ekb@arrl.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

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You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

161. [htaprs] Hand held computer

From: Michael Leeper <mleeper@mindspring.com>
Date: Tue, 08 Jun 1999 08:15:35 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24975-1999.06.08-07.22.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello list.

        I have had quite a bit of fun with the HT-D7 and Mir but would like to
try interfacing a hand held computer for APRS and TNC functions.   My
system consists of the HT-D7 and Garmin GPS II at this time. Weight is
an important consideration so is practical use and expense. APRS 90%
and TNC 10% I am satisfied with the APRS as covered my the HT-D7.

KO4UU Michael in Cumberland MD.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

162. [htaprs] Digi on MIR

From: "Dr Dave Larsen [PhD]" <doc@volcano.net>
Date: Tue, 8 Jun 1999 05:56:39 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "sarex@AMSAT.Org" <sarex@AMSAT.Org>, "htaprs@tapr.org"
 <htaprs@tapr.org>
Message-ID: <LYR845-24983-1999.06.08-08.03.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To all of the hams that are useing MIR's digi over the past days - please
keep having fun when you get a chance.

 Please make sure you have your TNC set to accept everything that comes
across your "screen" as not to cause QRM to a sta that is already con.
to the "PMS"

 From what I have been seeing the Knwd THD-7A even on low pwr is doing
a VERY good job.

 HAVE FUN

 Dave
 N6CO
 MIR Sysop

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

163. [htaprs] Re: Hand held computer

From: Steve Dimse <sdimse@netrox.net>
Date: Tue, 8 Jun 1999 09:41:56 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24990-1999.06.08-08.48.11--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

On 6/8/99 8:15 AM Michael Leeper (mleeper@mindspring.com) wrote:

>   I have had quite a bit of fun with the HT-D7 and Mir but would like to
>try interfacing a hand held computer for APRS and TNC functions.   My
>system consists of the HT-D7 and Garmin GPS II at this time. Weight is
>an important consideration so is practical use and expense. APRS 90%
>and TNC 10% I am satisfied with the APRS as covered my the HT-D7.
>
Was there a question in there? I think maybe you meant to ask what
handheld computer to get. Well, the only one that runs a version of APRS
now is the Palm. Pocket APRS is a great little program. But there are now
two WinCE versions on the horizon. The Sprouls are promising on
real-soon-now. I also have a very early alpha version from Rob KZ5RW. It
only displays the maps, but on my Jornada 420, the maps (it reads WinAPRS
maps and PocketAPRS maps, with APRSdos maps coming soon) look awesome,
and the redraw is just a hair slower than on my 300 MHz PowerPC Mac!

So it depends on how soon you want it, and what you want. The Palm
version is good, available now, Palm III's can be had real cheap, and
they are small.

The WinCE versions will allow more maps (because CE machines have more
memory), can be in color, like my 420, but you have to wait, and it costs
more...I paid something like $430 for the Jornada, and it will cost
another $150 for the CFA serial card. This one is just a bit larger and
heavier than the Palm III.

That's the bad thing about choice, you have to make some hard
decisions....

Steve K4HG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

164. [htaprs] Re: My MIR list

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 8 Jun 1999 10:01:34 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-24991-1999.06.08-09.07.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 7 Jun 1999, Harry Burford wrote:

> Wouldn't KC5DHE, 1202 miles and KC7ZRU-2 1540 miles be outside the
> footprint for MIR? How did you receive them?

I just ran Instantrack and with Mir over Kansas, both Maryland and Los
ANgeles can be in the footprint at the same time. 2400 Mi. (but only for
a few seconds). Maybe you are thinking of range to the MIR which is about
1200 mi max or so...

bob
 > hb >
>
> ----- Original Message -----
> From: Bob Bruninga <bruninga@nadn.navy.mil>
> To: TAPR HT APRS Special Interest Group <>
> Cc: <htaprs@tapr.org>; <amsat-bb@AMSAT.Org>; <sarex@AMSAT.Org>
> Sent: Monday, June 07, 1999 8:43 PM
> Subject: [htaprs] My MIR list
>
>
> > Today, my HT got to the bottom of the list and started overwriting
> > stations, so it is time for me to post my results as recorded in my HT
> > with only a rubber duck (14 inch one) listening on MIR 145.985 for
> > about 4 days. List is oldest to newest. Last pass was 2041 EDT
> > Monday 7 June 99. I will record for one more day...
> >
> > STATION ICON   POSIT   RANGE   COMMENT
> > -------- -------- ------ ------ ---- -----------------
> > N1NFC   lost   EM90?? 644mi   lost
> > WD9GVU-2 lost   lost   lost   lost
> > W4DJV   House   FM18ds   60mi west lost
> > WD8LAQ-9 car   FM18ow   15mi west listening 146.835
> > WB4NLD   Kenwood EM61?? 804mi SW   lost

```
> > VE3FTA-7 Jeep     lost     lost      lost
> > KC8JDS-3 Tangle   EN80QA  326mi West THD7A
> > NP3C-7   Runner   FM18SX   14mi SE   HI! NP3C@juno.com
> > K9GD-15  Kenwood  EN52VA  640mi W    QRP 5wts Chicago
> > VA3SD-7  Truck    FN04GN  402mi N    Chuck mobile in Ont.
> > KO4UU-7  Kenwood  FM09PP  117mi west Cumb MD
> > K9GD-7   CAR      EN52VA  640mi W    Mobile via MIR
> > N6QAB-7  Runner   FM18TI   56mi S    Kevin at Pax Riv MD
> > KC5DHE   House    EM13ob 1202mi west Tom in Plano, TX
> > N8UR-7   Runner   EM79WP  405mi west jra@febo.com
> > AJ4Y-7   Runner   WL97bw  829mi s    Paul's D7
> > WB4APR   House    FM19qd    0mi e    Bob's QTH
> > KB8RWA   none     none               KB8RWA/R RWA/D
> > KA2BQE-7 Kenwood  FN34nm  418mi NE   ka2bqe@amsat.org
> > W4GV     Dish     EM7oef  802mi SE   W4GV EM70ef BayCom
> > KU4GY-7  Runner   EL95TP  955mi S    EL95
> > G3ZFJ-7  Runner   FN30kr  216mi NE   W3GZF@UNIX.ASB.COM
> > WB4APR-9 Van      FM18qx   13mi S    Just commuting
> > WB0WNX-5 Kenwood  EN12TM 1063mi W    none
> > KS4XQ    Dish     EM84QS  448mi SW   Wes in Easley, SC
> > W1GTT-3  Runner   FN31VJ  278mi NE   Bill
> > VE3XF-2  Runner   EN94wk  406mi NW   ve3xf@rac.ca
> > KE9NA-1  Jeep     EN51vt  640mi west JON IN HIS JEEP!
> > W8XF-7   Pickup   EM98ei  276mi west none
> > N1QPR-7  Sailboat FN41IL  321mi NW   N1QPR@AMSAT.ORG FN42
> > W3ADO-7  Tent     FM18sx   13mi SE   Hi! fm BOB
> > K4EVH-7  Car      FM18ix   38mi west THD7A
> > KD4HTW   House    FM04ae  391mi SE   APRS KD4HTW MAILBOX
> > VE3KBL-7 Runner   EO91qg  860mi N    D7
> > WB8TDG-9 Runner   EM79xs  400mi west RexBEAVERCREEK443675
> > N2NWZ-7  Runner   FN30bx  193mi NW   Anthony Yonkers NY
> > N3UYI-7  Runner   FM19qq   38mi N    FM19qq THD7
> > N1QAG    House    FN34tx  457mi NE   N.Troy VT.
> > KC7ZRU-2 Dish     DN71eh 1540mi west kc7zru@arrl.net -WYA
> > KS4XN-14 Jeep     EL89tq  731mi SW   none
> > KD5HAD   Jeep     EN63bb  648mi NW   James@JMartin.net
> > N4ZQ     Cloud    EL88oa  845mi SW   Keith from delightfu
> > W4TWE-1  Kenwood  EM84QS  448mi SW   Tommy's D7
> > N4WYK-7  Runner   EM95HR  352mi SW   N4WYK@INFOAVE.NET
> > KR4YL-7  Runner   EL87ov  854mi SW   D7A PAUL pk@ij.net
> > WA4SSP-7 Boat     EM95ml  349mi SW   jsnoddy@conninc.com
> >
> > Notice the last pass was to the South West.  This is 46 stations, all with
> > the Kenwood except for about 5 or so.  Of course, the THD7 does not
> > capture any non-APRS packets, so many more UI frame communicators may have
> > been on also.
> >
> > de WB4APR, Bob
> >
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: HBURFORD@AIRMAIL.NET
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr:   wb4apr@amsat.org
US mail address:   115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY:    http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE:  http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio:    http://www.tapr.org/tapr/html/mic-e.html


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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

165. [htaprs] Tuesday MIR Passes

From: Jon Ogden <jono@enteract.com>
Date: Tue, 8 Jun 99 09:35:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24996-1999.06.08-09.36.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can someone repost the passes of MIR for today, Tuesday. I forgot to
print them out from my home machine.

Thanks es 73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

166. [htaprs] New D7a owner wants to play!

From: Arte Booten <n2zrc@webspan.net>
Date: Mon, 07 Jun 1999 18:29:16 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25003-1999.06.08-10.14.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     I got my new toy today and am chomping at the bit while the battery
charges (that's the biggest problem with a new radio, isn't it?!) I'd
like to play with MIR but deleted the message telling us how to do so
with the D7a. Could someone please send me that info privately? Tks/73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
      "The alien ship is moving toward the jumpgate." "How fast?"
      "Fast." "Be faster!"   - Delenn and Lennnier, Babylon 5

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

167. [htaprs] Bicycle Icon

From: Jon Ogden <jono@enteract.com>
Date: Tue, 8 Jun 99 10:22:23 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25006-1999.06.08-10.23.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To anyone and everyone who perhaps has pull at Kenwood:

The bicycle ICON that is selected on the D7A does not correspond to the
bicycle Icon in the APRS software. If you set your D7A up to transmit
the bicycle Icon, stations receiving you will see you as a Motorcycle.

Perhaps this is not new to anyone, but it was new to me!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

168. [htaprs] Palm Pilot control of the TH-D7A?

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Tue, 8 Jun 1999 08:40:45 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25013-1999.06.08-10.47.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A few weeks ago Darryl Smith investigated the use of commands for PC control
of the TH-D7. Rather than a PC, has anybody tried, or does anyone have any
thoughts on the use of a Palm Pilot for control of the TH-D7A? Does this
seem possible and how?

Thanks,
Russ Brown, KB6LUD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

169. [htaprs] MIR tracking with WinAPRS

From: "Bill McLarty" <bmclarty@trustmark.com>
Date: Tue, 8 Jun 1999 11:11:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25015-1999.06.08-11.21.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How do I set up my WinAPRS to display only stations digipeated by MIR? I would
like to go outside at noon Central time, bounce a packet off the MIR, and then
come inside and see my call and icon (and the stations I have heard on the D7)
on the map.

I'm not getting much work done this week. What fun!

Bill McLarty, KM5GE
Jackson, Mississippi
EM42

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

170. [htaprs] Re: Bicycle Icon

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 8 Jun 1999 12:53:08 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-25029-1999.06.08-12.00.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 8 Jun 1999, Jon Ogden wrote:

> The bicycle ICON that is selected on the D7A does not correspond to the
> bicycle Icon in the APRS software. If you set your D7A up to transmit
> the bicycle Icon, stations receiving you will see you as a Motorcycle.
>
> Perhaps this is not new to anyone, but it was new to me!

Mee to! I have sent it to sofware ENgineer at Kenwood. Too late to
change, but I have asked them to document it. Also, You can still select

the BIKE icon by selecting OTHER and entering b then table /.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

171. [htaprs] MIR FD/Technology Day (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 8 Jun 1999 13:00:41 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25030-1999.06.08-12.07.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 8 Jun 1999, J. Scott Ratchford asked about the end of the
informal 5w QRP HT UI packet DIGI test via MIR:

> Why does this have to be the last day? Let keep it going!

Actually, (I am speaking with NO authority), MIR is always an interesting
channel to monitor and a good source of demonstrations of what HAM radio
is all about. I think this has been a good demo. I think anyone who has
the opportunity to show off Ham Radio to the public, youth, or old LIDs
would always be welcome to digi a couple of UI frames via MIR at any time.

But as with any shared spectrum, we have to be careful with such an
invitation so as not to encourage some individuals who may try to turn
such an opportunity into their own personal contest and kill the golden
goose. With UI frames, just listening and watching is fun too..

One such public opportunity is Field-Day (or TAPR Technology day!)
But as always, in order for it to work, we can't overload the uplink.
So, if you take your HT to FD (we hope you will), then please be
considerate of everyone else. If you get your Packet digipeated once,
then back off and let others play. The beauty of the HT is that everyone
has an equal chance, no one can hog it.

What follows is the TAPR Technology Day announcement. Notice that you get
25 points for receiving ONE packet from a satllite, and 25 points for
successfully Transmitting ONE packet. Also, you get one point for EVERY
APRS station heard. No need to do more....

de Wb4APR, Bob

TAPR's annual Technology Demo Day (SAME DAY AS ARRL FD)
Full details are available at http://www.tapr.org/tdfd

   * No commercial power is allowed for stations submitting a score.

   * Any frequencies that are currently allowed for the mode in use.

   * Digipeaters, Networks, can be used for contacts (RF must be used)

   * Minimum exchange consists of:
     Call Sign, ARRL section, Operator Designation (SO, MO, NO)

   * Points:
        o 25 points for receiving the ARRL message in digital form

        o 2 points for every LIVE packet QSO (packet network, conference

        o 1 point for every APRS station "received"
        o 2 points for every APRS station exchanging messages

        o 25 points for receiving ATV signals from a range over 5 miles
        o 25 points for transmitting ATV to another station over 5 miles

        o 5 points for every received SSTV picture received
        o 5 points for every transmitted SSTV contact

        o 25 points for receiving any Satellite digital MESSAGE
        o 25 points for transmitting any Satellite digital Message.

        o 25 points for making a complete exchange using Spread Spectrum
        o 5 points for each Spread Spectrum contact thereafter

---

Suggested Operating instructions

* HOOK UP YOUR SPEAKER.
  If you aren't listening to the packets, then you may not know what is going on the channel. TNC's do not detect collisions. DCD's do not either, so just because the little green light is OFF, does not mean the channel is not all QRM
* Operate normally.
  USE SHORT packets and MINIMUM PATH.
  Use WIDEN-N where possible.
  Keep hops practical for your area. (any more than 3 probably impossible)..
  Work everyone you see on mail/traffic pages.
* ACKS are not required!
  If you get a QSL message from the other station, don't wait for an ACK. Erase the outgoing message to reduce QRM!
* Internet Gateways
  The key here is that IGates only pass through MESSAGEs to LOCAL stations in their area. This means you can QSO with anyone if you already know their callsign! You will probably NOT see their posits since only messages go via IGates (normally). This is why you should always include your GRIDSQ in all of your text messages.
  Here are some ways we have come up with to get around these quirks for:
    * a) Assume an SSID of -6 for stations and guess at some APRS calls...
    * Watch your traffic list. As soon as anyone QSO's anyone in your area, you will see them for a return QSO.
    * Send a CQ FD MESSAGE with your GRIDSQ and report to a DIGI in a known area with an IGate. This will go through all IGates.
    * Do a MAPS-OVERLAY-DIGIS for an area to see a good target call. (See C)
    * Do NOT send CQFD or TARGET messages until you have exhausted all other contacts, else we may totally BLOCK the RF channels around IGates.
    * Once you are working via IGATES, PLEASE minimize your path to ONLY the hops needed to hit your local IGate.
    * Home Stations If you are not going to operate, please set up your UN-ATTENDED home station for AUTOREPLY with something like 'QSL. [gridsq].(NO), ARRL section, etc. For APRSdos this simply means send ONE message to the callsign of REPLY and make sure this message is the first in your SEND list.

APRS® is registered to Bob Bruninga, WB4APR.

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <http://www.tapr.org/>
ftp: ftp.tapr.org
phone: 940-383-0000 fax: 940-565-2544

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org http://www.tapr.org/~wd5ivd

You are currently subscribed to aprsnews as: BRUNINGA@NADN.NAVY.MIL
To unsubscribe send a blank email to leave-aprsnews-1106H@lists.tapr.org

---

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---

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] Re: MIR tracking with WinAPRS

From: Karl Salisbury <cruz@magicnet.net>
Date: Tue, 8 Jun 1999 13:28:19 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-25032-1999.06.08-12.34.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bill,

You could clear the station list. Then , once you change frequency, you
should not have much else on the display.

Karl
KG4BNA

On Tue, 8 Jun 1999, Bill McLarty wrote:

> How do I set up my WinAPRS to display only stations digipeated by MIR? I would
> like to go outside at noon Central time, bounce a packet off the MIR, and then
> come inside and see my call and icon (and the stations I have heard on the D7)
> on the map.
>
> I'm not getting much work done this week. What fun!
>
> Bill McLarty, KM5GE
> Jackson, Mississippi
> EM42
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

173. [htaprs] Tuesday passes nothing heard

From: "Paul Lantz" <plantz@onlink.net>
Date: Tue, 8 Jun 1999 14:14:29
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25049-1999.06.08-14.20.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Monitored the 1308 and 1443 MIR passes Tuesday June 8 but heard nothing.
Did other people hear anything?
I got my pass times calculated for my QTH but using the times that were
posted here.

Paul
VE3KBL
EO91

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

174. [htaprs] Re: Bicycle Icon

From: Jon Ogden <jono@enteract.com>
Date: Tue, 8 Jun 99 14:20:52 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25051-1999.06.08-14.21.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> The bicycle ICON that is selected on the D7A does not correspond to the
>> bicycle Icon in the APRS software. If you set your D7A up to transmit
>> the bicycle Icon, stations receiving you will see you as a Motorcycle.
>>
>> Perhaps this is not new to anyone, but it was new to me!
>
>Mee to! I have sent it to sofware ENgineer at Kenwood. Too late to
>change, but I have asked them to document it. Also, You can still select
>the BIKE icon by selecting OTHER and entering b then table /.
>
>de WB4APR, Bob

Too late for the current firmware release or too late to ever change it?

I would think they'd be able to change it in future versions.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

175. [htaprs] Re: Palm Pilot control of the TH-D7A?

From: Walter Dunckel <wdunckel@best.com>
Date: Tue, 08 Jun 1999 12:17:37 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-25052-1999.06.08-14.32.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have not tried using the Palm to control the TH-D7. However, any
device
with a serial port and an input method can and will control the TH-D7.
The
Palm devices seem to meet this criteria, since people are using them for
packet. Entering the commands into the terminal program will be
cumbersome, but can be done.

A better way would be to write a program for use with the Palm devices.
I believe development software can be purchased from 3Com.

Walter
http://www.radiohound.com

"Brown, Russell R" wrote:
>
> A few weeks ago Darryl Smith investigated the use of commands for PC control
> of the TH-D7. Rather than a PC, has anybody tried, or does anyone have any
> thoughts on the use of a Palm Pilot for control of the TH-D7A? Does this
> seem possible and how?
>
> Thanks,
> Russ Brown, KB6LUD
[Attachment: wdunckel.vcf; text/x-vcard; 123 bytes]

176. [htaprs] Re: Tuesday passes nothing heard

From: Jon Ogden <jono@enteract.com>
Date: Tue, 8 Jun 99 14:34:31 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25053-1999.06.08-14.35.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Monitored the 1308 and 1443 MIR passes Tuesday June 8 but heard nothing.
>Did other people hear anything?
>I got my pass times calculated for my QTH but using the times that were
>posted here.

I heard nothing either on either pass in my area. I think for the noon
time one we had, I heard one long packet burst. It may have been MIR or
someone else in the area. I didn't decode the packet.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

177. [htaprs] Re: Palm Pilot control of the TH-D7A?

From: Jon Ogden <jono@enteract.com>
Date: Tue, 8 Jun 99 14:35:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25054-1999.06.08-14.36.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>A better way would be to write a program for use with the Palm devices.
>I believe development software can be purchased from 3Com.

This exsits. It's called PalmAPRS or something like that.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

178. [htaprs] MIR NO Success

From: Ron Reeves <ron.reeves@worldnet.att.net>
Date: Tue, 08 Jun 1999 13:28:27 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25061-1999.06.08-15.37.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok,
After seeing so many successful people working MIR I figured I had to take
the D7A to work and try it myself.

Did I miss the obvious? Is the testing over? Did I do something wrong?

Per Bob's list I tried PDT at 10:03,11:35, and 13:12 today. The frequency
that I used was 145.985. I live in Vancouver WA. Per a MIR tracking
website I expected the last pass to be the best chance. I did not even
hear anything let alone work MIR. I have an after market 18" whip antenna
and was even trying it with and without a "Tigertail" type add on.

Bob, you are a pro at this. Whats the deal?

Ron Reeves
N7QXO

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

179. [htaprs] Re: Palm Pilot control of the TH-D7A?

From: Walter Dunckel <wdunckel@best.com>
Date: Tue, 08 Jun 1999 13:28:24 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-25063-1999.06.08-15.41.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, PocketAPRS (should have been called PalmAPRS) does exist, however
it does not include any of the control protocols (found by Darrly Smith)
that are specific to the TH-D7. For instance, Kenwood uses these
protocols for their programing software, and others have written
software to control the TH-D7's frequency, settings, etc..
See:
http://www.radiohound.com/d7zpinfo.htm

Walter

Jon Ogden wrote:
>
> >A better way would be to write a program for use with the Palm devices.
> >I believe development software can be purchased from 3Com.
>
> This exsits. It's called PalmAPRS or something like that.
>
> 73,
>
> Jon
> KE9NA
[Attachment: wdunckel.vcf; text/x-vcard; 123 bytes]

180. [htaprs] MIR testing

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 8 Jun 1999 17:39:09 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25078-1999.06.08-16.46.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I konw there is a WEB site that shows where MIR is NOW. but is there any
site that easily gives predictions for the next few days? We need links
to such sites so that others can find when MIR is overhead. I dont hve
time to keep posting predictions everyday liike I have been doing. Im
sure such a site exists...?

This would be for newbee THD7 owners to listen for MIR

bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

181. [htaprs] Re: Palm Pilot control of the TH-D7A?

From: "Keith Schlottman, CPA" <kr7rk@earthlink.net>
Date: Tue, 8 Jun 1999 14:49:07 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25085-1999.06.08-16.56.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mike Musick's pocketAPRS program works quite well with the TH-D7. He has
even pre-programmed the TNC initialization string in so you just select the
TH-D7 as your TNC type. I've been using this since Dayton and I'm quite
pleased with it. It tracks and maps well, has message abilities, etc.
Anyone wanting a nice portable APRS set-up should seriously consider it.
Mike's website has more info:

http://webusers.anet-stl.com/~mcmusick/

However, if you're looking for packet terminal type software to send
specific commands to the TNC, i.e. for regular (non-APRS) packet use,
pocketAPRS does not yet have this capability. You can watch the TNC in the
packet window though.

Keith D. Schlottman, CPA, KR7RK
Modular Mining Systems, Inc.

e-mail: <schlottk@mmsi.com>
corporate web site: <http://www.mmsi.com>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

182. [htaprs] Re: MIR NO Success

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 8 Jun 1999 18:11:51 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-25092-1999.06.08-17.18.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> After seeing so many successful people working MIR I figured I had to
> take the D7A to work and try it myself.
>
> Did I miss the obvious? Is the testing over? Did I do something wrong?
> Bob, you are a pro at this. Whats the deal?

Welcome to the real world of MIR..... QRX!

Just as I was typing that, I heard packets. Ran to roof and got a great
pass. Time here is 1805 EDT. First pass I have heard all day.
I tried giving a demo to a group of stuendts first pass today, and
nothing. So that is one of the great "levelers" of MIR, you just never
know what is going to happen.

And I hope no one complains. Im just so tickled when they do turn on the
packet for us...

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

183. [htaprs] MIRing in the Rain!

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 8 Jun 1999 18:22:35 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25097-1999.06.08-17.28.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All Right! Pass on Orbit 76046 (1757 EDT) was a good one

WN3C>MAC,R0MIR*:Copied 73
KA2BQE-7>T4RY2Q,R0MIR*:`dU^l [/>MMUHS Jericho VT
WB4APR-7>3Y0Y0P,R0MIR*:`h@!l !b/>
WB4APR-7>APK001,R0MIR*::BLN5   :Previous passes were dead!{R
N2NWZ-7>TPUX2Q,R0MIR*:`eN?l [/>ANTHONY Yonkers NY
N4WYK-7>S5TS8X,R0MIR*:`m0al [/>N4WYK@INFOAVE.NET
W4SAT>EM72,R0MIR*:Hello From Tallassee,Al(w4sat@mindspring.com)
R0MIR>BEACON:MIR SPACE STATION
KA2BQE-7>APRS,R0MIR*::BLN9   :R7 fm HS prkng lot{9
KF4HJW-2>S7PV0P,R0MIR*:`h<l [/>Darrell ON D7A
N1QPR-7>4Q2X6P,R0MIR*,RELAY,GATE,GATE,WIDE3-3:`c/el Y/>N1QPR@AMSAT.ORG

N3UYI-7>0P0PP0,R0MIR*:'vXl [/>FM19PS TH^D7-STEVE

 I moved my APRS digi to 145.985 for the pass and setup a terminal
program, to capture the output. I edited out duplicates from the UI-guys
and he packets from K5PK who was connected to the BBS.

Standing out in the parking lot of Mount Mansfield Union HS in a steady
drenching rain holding D7 and small single elemnt beam ... so to the guy
who wanted to know about the rain-ability of the D7 ... yes it works. I
have the soaked polo shirt to prove it!

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "There is only one war, and it's not the rich against the poor, the
   blacks against the white, the Federation against the Borg, or the
   Democrats against the Republicans. It's those who are complete

idiots against those of us who ain't." -- from on the net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

184. [htaprs] Re: MIR NO Success

From: David Dobbins <ddobbins@localaccess.com>
Date: Tue, 8 Jun 99 15:30:49 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25101-1999.06.08-17.36.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Ron. You had everything right and I listened the same times you did
today, Tuesday, with the same antenna, and I heard nothing as well. Dave.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

185. [htaprs] Re: Hand held computer

From: Arte Booten <n2zrc@webspan.net>
Date: Tue, 08 Jun 1999 17:54:54 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25103-1999.06.08-17.43.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Michael L. wrote:

>I've had fun with the D7 and Mir but would like to interface a handheld
>omputer for APRS and TNC functions. My system consists of the D7 and
>GPS II. Weight is an important consideration. So is practical use and
>expense.

     How small do you want to go? Something like a Toshiba Libretto is
about as small as you can get nowadays and run "The Big Three" (APRSDos,
WinMacAPRS and APRSPlus), as there is not yet a port to WinCE. But in
under a week I'll have my r-e-a-l-l-y portable APRS station online. I
am using a Palm IIIx device with pocketAPRS. Between the D7a, GPS-III &
Palm IIIx, we're talking maybe a few pounds, if that much. And I think
the LCD screen on the Palm looks one heckuvalot better in the bright sun
than any laptop or palmtop I've seen with a color screen.

     The Palm III is going for about $250 or so, the IIIx (twice as much
memory and a better display) is about $360'ish. PocketAPRS is still in
beta, but IMHO seems ideal where weight, portability and power require-
ments are a concern.   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
      "The alien ship is moving toward the jumpgate." "How fast?"
      "Fast." "Be faster!"   - Delenn and Lennnier, Babylon 5

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

186. [htaprs] mir 1757 EDT Pass

From: "James Davidson" <davidson@cyg.net>
Date: Tue, 8 Jun 1999 18:37:23 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25104-1999.06.08-17.45.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Following staiton where heard via Romir

ve3xf-2
n2nwz-7
ka2bqe-7

wb4apr-7
n4wyk-7
n1qpr-7

James Davidson ve3tpz
Stratford Ontario Canada
Grid Zone EN93MI

EMAIL ve3tpz@rac.ca

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

187. [htaprs] Re: Hand held computer

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Tue, 8 Jun 1999 15:47:36 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25106-1999.06.08-17.54.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Arte said:
> How small do you want to go? Something like a Toshiba Libretto is
> about as small as you can get nowadays and run "The Big Three" (APRSDos,
> WinMacAPRS and APRSPlus), as there is not yet a port to WinCE.

That made me think about yet another option...
Would it be possible to repartition the hard drive on a WinCE machine and
install the new LinuxAPRS?

Russ Brown, KB6LUD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

188. [htaprs] D7 and DOS APRS and a GPS

From: "Clayton Watson" <kb0wzi@rmi.net>
Date: Tue, 8 Jun 1999 16:58:14 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25107-1999.06.08-18.03.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

First time trying to use Dos aprs and was trying to figure out how to take
advantage of the GPS plugged into the D7 and notice my movements in DOS
Aprs. All cables are ok it is just a configuration problem that i'm not
finding. Is it possible to plug the GPS into the D7 and the D7 into the
serial port on the laptop??? If so, how do you configure it. Thanks for
the responses.

73 de KB0WZI
Clayton

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

189. [htaprs] Re: Hand held computer

From: "Alexander S. Guy" <alexander.guy@software.com>
Date: Tue, 08 Jun 1999 15:56:00 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25108-1999.06.08-18.05.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

>>>>> "Brown," == Brown, Russell R <Russ.Brown@West.Boeing.com> writes:

    Brown,> Arte said:
    >> How small do you want to go? Something like a Toshiba Libretto
    >> is about as small as you can get nowadays and run "The Big
    >> Three" (APRSDos, WinMacAPRS and APRSPlus), as there is not yet

>> a port to WinCE.

Brown,> That made me think about yet another option... Would it
Brown,> be possible to repartition the hard drive on a WinCE
Brown,> machine and install the new LinuxAPRS?

At present, the WinCE port of Linux (both for the MIPS derivative
WinCE devices, and the Hitachi based ones) is in it's infancy, and probably
wouldn't be up to this task, yet. Check out http://www.linuxce.org

Something you might want to check into is the Psion Series 5. It supports
Linux, and has a reasonable ammount of RAM. I don't have a URL handy, but
one shouldn't be too hard to find.

Alexander
-----BEGIN PGP SIGNATURE-----
Version: GnuPG v0.9.6 (Linux)
Comment: (nil)

iD8DBQE3XZ990pHeTaUu2LURAoJ1AJ9XrQYmKHYoBFU5ENaWQpAbUt+44wCfe8MV
I5RjLDehYFbTo3jokykNSPs=
=OTZn
-----END PGP SIGNATURE-----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

190. [htaprs] signals heard 1930 pass today

From: "Paul Lantz" <plantz@onlink.net>
Date: Tue, 8 Jun 1999 18:41:39
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25110-1999.06.08-18.47.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

1930 pass EDT heard some signals but D7 unable to decode anything.
Did not get "your packet" message.
Paul
VE3KBL
EO91

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

191. [htaprs] 1930 edt pass

From: "James Davidson" <davidson@cyg.net>
Date: Tue, 8 Jun 1999 19:47:28 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25112-1999.06.08-18.54.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Following staiton where heard via Romir

Heard w4sat
n4zq

James Davidson ve3tpz
Stratford Ontario Canada
Grid Zone EN93MI

EMAIL ve3tpz@rac.ca

192. [htaprs] Mir Passes Today

From: Jon Ogden <jono@enteract.com>
Date: Tue, 8 Jun 1999 18:59:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25116-1999.06.08-19.06.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I didn't hear MIR while I was out doing my salesman duties and in
the car. However, this afternoon when I was back in the office between
3 and 5 PM Central time, I left the radio on and tuned to 145.985. I did
pick up some stations this time. There were passes at 3:18 and 4:53 so I
am not sure which pass or possibly both where I heard this:

N4WYK-7

N2NWZ-7
WB4APR-7
KA2BQE-7
VE3XF-2
N8OIF

Congrats to those who made it!

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

193. [htaprs] MIR IS ALIVE

From: Ron Reeves <ron.reeves@worldnet.att.net>
Date: Tue, 08 Jun 1999 16:57:23 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25117-1999.06.08-19.06.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It works,

On the 16:24 PST pass I heard:
KC7LSP
NY4I-7
WA6YLB-6

And a few others that did not get listed on the position list. I did not
catch if people were thinking about QSLing, but I would like to if other do
too.
I also thought KC7LSP say hi, but I could not find the message and was in a
panic mode trying to get things working. I had a couple of my employees
asking a zillion questions and I was trying to teach and learn at the same
time.

See you next pass.

Ron Reeves
N7QXO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

194. [htaprs] Upcoming Travels

From: Jon Ogden <jono@enteract.com>
Date: Tue, 8 Jun 1999 19:21:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25118-1999.06.08-19.27.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am going to be doing some traveling beginning tomorrow.

I will be flying to West Palm Beach, Florida for a couple of days. I
arrive in late tomorrow night via a couple hour stop over in Atlanta.

Saturday I return to Chicago from Florida and then on Sunday I fly out to
Anaheim for a couple of days.

I'll be bring the GPS and TH-D7A along so look for me in Atlanta, Stuart,
Florida area and Annaheim, California over the next week.

All these areas are on 144.39 now, right?

73 and see y'all around!

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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195. [htaprs] 20:05 CDT Pass

From: Jon Ogden <jono@enteract.com>
Date: Tue, 8 Jun 1999 20:16:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25125-1999.06.08-20.23.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I just went outside for the 20:05 MIR pass. Nothing. The only
other station I heard was WB9JEJ. His was a ?? packet. I recognize the
call, but this guy is not on APRS in Chicago so he must have been
attempting to use the BBS and I heard him direct.

Oh well...one more shot at 9:35 PM!

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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196. [htaprs] Mir 0114 pass

From: John <JohnK.McHugh@worldnet.att.net>
Date: Tue, 08 Jun 1999 21:28:37 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: bruninga@nadn.navy.mil
Message-ID: <LYR845-25128-1999.06.08-20.37.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, finally got some DX tonight on the 0114Z pass, saw packets from
HR5HAC (Honduras) and HP2VX(Panama)
--
John Mc Hugh, KU4GY
Coordinator for Amateur Radio
National Hurricane Center, W4EHW
Miami, Florida
Home Page: http://www.fiu.edu/orgs/w4ehw/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

197. [htaprs] On the Road w/D7 Wednesday look for me

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 8 Jun 1999 22:11:21 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25139-1999.06.08-21.18.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The "Riley Rover" will be on the road tomorrow all over VT and nearby NH.
Will try to make the following MIR D7 passes.

  1205 EDT from Montpelier VT area (a little iffy, depends on how slow
the lines at DMV are!)
  1337 EDT from White River Jct, VT (Intersection I-89 and I-91)
  1513 EDT also from WRJ
  1654 EDT from Hanover, NH (Dartmouth College)

 Oh yes, BobB ... am taking my new Garmin GPS II+ and will get your
milepoints for most of I-89 and some points on I-91

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "The illiterate of the 21st century will not be those who cannot read and
  write, but those who cannot learn, unlearn, and relearn."   -Alvin
Toffler

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

198. [htaprs] 2005 CDT Mir pass

From: spoiler1 <spoiler1@earthlink.net>
Date: Tue, 08 Jun 1999 21:46:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25146-1999.06.08-21.51.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all

Besides my MY PACKET
I heard the following calls on my dh7 tonight.

K9MTN-7
KC5JOE-7
KK5YY-7
KU4LY-7
N6GPS-7
KC7LSP

73 Gary
KC5UWA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

199. [htaprs] RE: [amsat-bb] Digi on MIR

From: "Michael P. Olbrisch" <kd9kc@elp.rr.com>
Date: Wed, 9 Jun 1999 02:40:52 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <sarex@AMSAT.Org>, <htaprs@tapr.org>
Message-ID: <LYR845-25147-1999.06.08-21.53.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thank you Dave...   Still looking for your QSL. How
about is I send you one, with SASE, and you just sigh
it and send it back?!?!?   <GRIN>

Y-all have a great evening,

Vy73, Mike.   KD9KC   MARS: AAV6EV
kd9kc@elp.rr.com - kd9kc@amsat.org
Home page: http://www.qsl.net/kd9kc/
The farthest WEST ham in West Texas.

Guns cause violence just as spoons
cause Rosie O'Donnell to be fat.

> -----Original Message-----
> From: owner-AMSAT-BB@AMSAT.Org [mailto:owner-AMSAT-BB@AMSAT.Org]On
> Behalf Of Dr Dave Larsen [PhD]
> Sent: Tuesday, June 08, 1999 12:57 PM
> To: amsat-bb@AMSAT.Org; 'Bob Bruninga'
> Cc: sarex@AMSAT.Org; htaprs@tapr.org
> Subject: [amsat-bb] Digi on MIR
>
>
>
>
> To all of the hams that are useing MIR's digi over the past
> days - please
> keep having fun when you get a chance.
>
> Please make sure you have your TNC set to accept everything
> that comes
> across your "screen" as not to cause QRM to a sta that is already con.
> to the "PMS"
>
> From what I have been seeing the Knwd THD-7A even on low pwr is doing
> a VERY good job.
>
> HAVE FUN
>
>
> Dave
> N6CO
> MIR Sysop
>
>
>
> ----
> Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

200. [htaprs] TH D7

From: "Don L. Brown" <wb6duo@zippnet.net>
Date: Tue, 8 Jun 1999 20:28:28 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25150-1999.06.08-22.30.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can the D7 be used as the tnc for APRS-plus ver.922. If so what
tnc do you select from the tnc list. D7 is not one of the choices.Is
there anything else I should know.
Thanks
Don WB6DUO

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

201. [htaprs] RE: MIR testing

From: Chris Burgardt <burgardt@ricochet.net>
Date: Tue, 8 Jun 1999 20:50:11 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25154-1999.06.08-22.56.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've had good luck on the predictions using a URL posted to this reflector recently:

http://liftoff.msfc.nasa.gov/realtime/jtrack/Spacecraft.html

It seems simple enough to me.

73,

Chris Burgardt/KQ6JZ

From: Bob Bruninga[SMTP:bruninga@nadn.navy.mil]
Sent: Tuesday, June 08, 1999 2:39 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] MIR testing

I konw there is a WEB site that shows where MIR is NOW. but is there any site that easily gives predictions for the next few days? We need links to such sites so that others can find when MIR is overhead. I dont hve time to keep posting predictions everyday liike I have been doing. Im sure such a site exists...?

This would be for newbee THD7 owners to listen for MIR

bob

You are currently subscribed to htaprs as: kq6jz@qsl.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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202. [htaprs] MIR 0105Z & 0242Z Passes

From: "Ed Palmer" <PalmerEd@email.msn.com>
Date: Tue, 8 Jun 1999 22:56:11 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25157-1999.06.08-23.02.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

Work kept me from attempting any passes until this evening. I heard nada on the 2330Z pass (1830CDT), and then had to run the D7 unattended and in the car because of a dinner meeting. When I got back to it, I found the following stations had been heard on the 0105Z (2005CDT) and 0242Z (2147CDT) passes from Houston, just down the street from the Johnson Space Center:

HR5HAC
KC5JOE-7
N4BSA-7
K9MTN-7
KB8RWI
KK5YY-7
W0DEL
KC5UWA-7
N6GPS-7
KC7LSP

I've now worked Mir via the D7 on three consecutive days in three different states (AL, LA, and TX). I'm starting to feel like I've travelled as much as it does, and I'm not done yet (TX & FL tomorrow, FL Thursday, AL Friday and back home to FL).

Although I may not have as much of a chance to continue this until Thursday afternoon, I'll probably try 1W mobile when possible on Thursday and Friday.

--Ed

Ed Palmer, KU4LY
Navarre, FL
ku4ly@arrl.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

203. [htaprs] MIR 0105Z

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Wed, 9 Jun 1999 00:03:55 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-25159-1999.06.08-23.11.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Only copied N4BSA-7 and KU4LY-7 on this pass with D7 and stock duck.

I was in Tampa at the time and just got out of a meeting in time to listen
to the pass.

73
Paul
KR4YL

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

204. [htaprs] Re: TH D7

From: "Gerald Schmitt" <kk5yy@arrl.net>
Date: Wed, 9 Jun 1999 10:5:4
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25245-1999.06.09-10.11.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is a file that Bart doesn't choose to include with his
distribution. The name is initthd7.tnc it looks like a text file
so be careful when storing it as Windoze will try and give it
a .txt if you find it and save it as "all files" all will be right.
This file is included with APRSDos and others. If you can't find
it I will email it to you but I am on planes the next couple of
days.

Over the weekend I tried APRS+SA and did not like it too much. I
was driving most of the time so the test was not fair. My
solution with the TH-D7A and SA is to connect in parallel the GPS and
the computer letting SA do the moving map and the TH-D7A do the
APRS. You don't get immediate updates of other stations this way but
you are able to control the size of the moving map. I tend to zoom in
and out as circumstances dictate. Perhaps you can do this in APRS+SA
but I can't figure out how.

I'm still on the learning curve with this so stay tuned. Oh how do I
parallel the computer/GPS OK that's easy. The TH-D7A want the datain
and dataout reversed from the way the computer wants them so I used
an old laplink cable remember on the same end the pinouts in the DB9
and DB25 are equivilent so what you do is attach the data cable from
the GPS to one of these and the other to the computer serial in. That
gives you GPS data in to the computer as it should be. Then attach the
TH-D7A data cable to the other end of the laplink cable you will have
the datain and dataout lines reversed(along with some others but they
don't play in this)remember to stuff the 2.5mm connector into the GPS
port on the TH-D7A and it will receive the NEMA as well as sending
received stations to the GPS. Works good tastes great.

Since the reported stations are being sent by the TH-D7A there should
be a way to paint them on the SA map I'm giving that some thought.

If I'm doing something stupid and APRS+SA will do what I want I would
love to know that $60 is not worth my time to hack SA6 email to
Brent has not been answered so I appeal to others doing this for
guidance.

Adios and 73 Jerry KK5YY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

205. [htaprs] Re: MIR testing

From: Ron Reeves <ron.reeves@worldnet.att.net>
Date: Wed, 09 Jun 1999 08:21:54 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-25246-1999.06.09-10.32.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:39 PM 6/8/99 -0400, you wrote:
>I konw there is a WEB site that shows where MIR is NOW. but is there any
>site that easily gives predictions for the next few days?

Bob, that same site offers an email service to send you predictions for the
next few passes. I set it up to email me MWF with 3 days of passes. You can
choose which things you want to track and it will send you the mail. Below is
a sample of the info it sent me this morning for Vancouver WA.   I hope
this is
what you wanted.
<http://liftoff.msfc.nasa.gov/RealTime/JPass/PassGenerator>http://liftoff.m
sfc.nasa.gov/RealTime/JPass/PassGenerator/

Ron Reeves
N7QXO

> Start Time:6/09 Latitude46.9667
End Time:6/12 Longitude-122.9
Time Zone:UTC-7.0
MIR approx. visual mag = -0.5
Date
(mm/dd)RiseSetDuration
(mm:ss)Sun Lit
(mm:ss)Max.
Elevation Aprox.
Image
6/0901:37:30pm WSWENE10:1510:1561 N
6/0903:13:15pm WNWENE10:0010:0031 N
6/0904:48:51pm WNWESE10:1510:1551 N
6/0906:24:14pm WNWSE09:4509:4529 SSW
6/1010:54:29am SENE08:1508:159 SE
6/1012:28:14pm SWENE10:1510:1560 SSE
6/1002:03:45pm WENE10:0010:0037 NNW
6/1003:39:30pm WNWE10:0010:0035 N
6/1005:14:54pm WNWESE10:1510:1570 SW
6/1006:50:36pm WSSE08:3008:3011 SW
6/1111:19:17am SWENE09:4509:4525 SE
6/1112:54:11pm WSWENE10:1510:1558 N
6/1102:29:58pm WNWENE10:0010:0031 N
6/1104:05:30pm WNWESE10:1510:1554 N
6/1105:40:54pm WNWSE09:4509:4526 SSW
6/1210:10:53am SENE08:1508:1510 SE
6/1211:44:44am WSWENE10:1510:1565 SE
 Though we make every effort to provide accurate
information, these predictions are for educational and entertainment
purposes only.
 To update your satellite selections or unsubscribe
visit:

http://liftoff.msfc.nasa.gov/RealTime/JPass/PassGenerator/

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

206. [htaprs] Getting started with latest APRS and TH-D7A

From: "Thomas E. Hatton" <tehatton@aol.com>
Date: Wed, 9 Jun 1999 11:40:12
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25254-1999.06.09-11.46.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am sure I am forgetting something obvious, but when I try to start APRS
with my TH-D7A on the APRS frequency and in the TNC mode, I get error 68,
then if you don't press "Q", it hangs....

I have tried several different ways and can't get past the start-up.

Doest he TH-D7A need to be in

Any help on-line or off-line would be appreciated!

Thanks
73
Tom
KE4PCV

Manassas, VA
TEHatton@aol.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

207. [htaprs] D7 Heat Stress problems?

From: "Bob Derderian" <BobD@virtualconst.com>
Date: Wed, 9 Jun 1999 13:59:48
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25275-1999.06.09-14.06.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Last night I went to listen for MIR and fired up the GPS-III and D7 in the
truck. Normally I get a 'lock' from the GPS in about 90 seconds and I did
this time too, but the D7 just kept beeping and a check of the POS display
showed no posit data transferred from the GPS to the D7.

Checked the setup of the GPS, everything looks good. I had just used this
same setup (cables and all) the other night and it worked without a hitch.

Now the time in between these uses the HT was in the truck in the parking
lot in 95+ deg heat. Did the thing cook or what? Any ideas what could have
gone wrong with it?

73...Bob, N2IPH
n2iph@qsl.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

208. [htaprs] Re: TH D7

From: Jim Baremore <k5qq@juno.com>
Date: Wed, 9 Jun 1999 11:50:07 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-25278-1999.06.09-14.23.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 8 Jun 1999 20:28:28 -0700 "Don L. Brown" <wb6duo@zippnet.net>
writes:
>Can the D7 be used as the tnc for APRS-plus ver.922. If so what
>tnc do you select from the tnc list. D7 is not one of the choices.Is
>
>there anything else I should know.
>Thanks
>Don WB6DUO
Hi Don

I made a blank file labled THD7.tnc and select it as the TNC setup file
and APRS+ seems to be happy with that.

C U and good luck

Jim Baremore K5QQ
_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

209. [htaprs] d7 with dockking amp

From: "Don L. Brown" <wb6duo@zippnet.net>
Date: Wed, 9 Jun 1999 12:44:01 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25279-1999.06.09-14.45.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone experienced a modem reset on d7 with booster amp
on high power. When i transmit in packet mode (high power) it
resets the d7 with Tasco Radio Modem and etc message. Packet
connect then disconnects. It does not do this when i go to low(L)
power.
This is a Mirage docking amp, also tried it on friends Maha and

same problem.
Has anyone experienced this.
Thanks
Don Brown

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

210. [htaprs] MIR PASS 1340 PDT

From: David Dobbins <ddobbins@localaccess.com>
Date: Wed, 9 Jun 99 13:52:41 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25283-1999.06.09-15.58.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had a KD6?? station, along with KB8RWI but couldn't copy the email for
the CA station. Also sent and received an APRS one-liner with Ron/N7QXO-7
on his TH-D7A in Vancouver, WA. I was able to show this to several MS
students who were in awe that a little walkie talkie could transmit all
the way to MIR in its 220 mile orbit. Dave/K7GPS-7 in Pe Ell, WA

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211. [htaprs] Received via MIR

From: pathardy@pythagoras.org (Pat Hardy)
Date: Wed, 9 Jun 1999 13:58:12 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25285-1999.06.09-16.04.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here in CM87UK (San Francisco Peninsula) I received a "Hi" bulletin from
N7QXO-7 via MIR at about 1:40 PDT.

It's lucky I cranked up OrbiTrak on my Macintosh in time to catch the pass.
I ran into the yard waving my TH-D7A with its 14" whip antenna just as the
bulletin arrived.

Pat Hardy
KE6WDR

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212. [htaprs] Re: [Kenwood] TH-D7A Band change?

From: wdr@world.std.com (William D Ricker)
Date: Wed, 9 Jun 1999 18:28:16 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: kenwood@qth.net, htaprs@lists.tapr.org (HT APRS list at TAPR)
Message-ID: <LYR845-25298-1999.06.09-17.34.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I'm not aware of a D7A specific list so I'll ask my question here.

The other responder is correct that HTAPRS is the best forum,
although it's not specifically specific to the D7A, there aren't
many other HT APRS combinations in use (some PicoTNC's w/APRS of
course). I'm CC:ing that forum in case anyone there has more info.

> Has anyone experienced a random band change with the TH-D7A? While using,
> for no apparent reason, the radio will change bands from 2m to 440. This

Are you referring to switching from VFO-A current to VFO-B current
with arrow (as hitting A/B), or are you referring to switching VFO-B
from 2m to 440 or back (as hitting F-A/B when in VFO-B; doing so in
VFO-A would switch it to air-band).

> can happen with > keypad lock on or off.

Odd. You can set whether keypad lock allows channel change via
knob-spin up/down, so some things aren't ignored in keypad lock,
this is surprising.

> Someone suggested that it might be related to some sort of remote
> capability.

If there is a resistance that is neither a short nor open on the
"stereo" ring of the MIC plug, the radio will activate one of three
"remote" functions, one of which defaults to A/B switch, based on
measurement of resistance. (Thus three resistors and three switches
on a mic get up three remote buttons.) For that to be workable
during lock makes some possible sense. Check your speaker-mic plug
for corrosion/crud?

(This mic-control with analog control is in addition to PC digital
control via the PC jack.)

Also note that if you recall a memory (ENT 1 1 1 or whatever)
that is in the other band that the current VFO will service, it will
do the F-A/B equivalent and select the right band. But you can't
recall UHF memories in VFO-A, nor air-band memories in VFO-B.

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr   to those who own one."--A.J.Liebling

---
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213. [htaprs] aprs via mir tonight

From: "James Davidson" <davidson@cyg.net>
Date: Wed, 9 Jun 1999 18:38:33 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25299-1999.06.09-17.46.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

1815 edt pass from grid en93mi

 heard n8deu
            n2nwz-7
            n1nfc
            n3tav
            ka2bqe-7
            wa4umr-7

james davidson ve3tpz
email ve3tpz@rac.ca

214. [htaprs] MIR

From: Ron Reeves <ron.reeves@worldnet.att.net>
Date: Wed, 09 Jun 1999 15:38:16 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: wd6bfc@arrl.net, n6gps@garlic.com
Message-ID: <LYR845-25300-1999.06.09-17.49.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the 3:13 PST Pass in Vancouver WA I saw:
KB8RWI
WA6YLB-6   674 MILES
K7GPS-7   65.8 MILES
WA7RVV-7   271 MILES
WD6BFC 350 MILES
KD6VYV-7   640 MILES
N6GPS-7 615 MILES

I also received messages from WA7RVV, K7GPS-7, WA6YLB-6. If anyone wants
to swap QSL cards let me know. Or if they want to plan on "contacting"
each other on the next pass with one liners.

Ron Reeves
N7QXO

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215. [htaprs] Seeing Course and Speed on ARPS.NET

From: "KEN STONECIPHER" <XMEN@FGI.NET>
Date: Wed, 9 Jun 1999 17:51:4
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25301-1999.06.09-17.57.23--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I just got a Kenwood TH-D7A and love it! What a great transciever.

Also, my complements to TAPR. I followed the recommended setup for the D7A and it worked perfectly the first time. I appreciate TAPR so much I joined the group.

I do have one question. I see my call sign on APRS.NET but I do not see my course and speed when I am in my vehicle with my D7A. I have followed the directions in the user group and do see my lat and long changes when my icon changes on APRS.NET. Could it be because I am using an running man rather than a car or truck icon ? That sounds like a dumb question but I thought I would ask.

All help is appreciated. Any idea on how I can correct this problem.
FYI I have a Garmin III+ connected to my DH-7A. Both appear to be working correctly.

I highly recommend the TH-D7A and this user group.

Thank you in advance for your help.

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216. [htaprs] Vermonts Traveling MIR/D7 Roadshow hits 5 for 5

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Wed, 9 Jun 1999 19:53:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25321-1999.06.09-19.00.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well I hit the road about 1045. off to Mount Peculiar (aka Montpelier, our illustrious state capitol), was in and out of DMV in seven minutes (some sort of a record) and off down the road toward the south end of the state. For the 1204 EDT pass I was in the parking lot of a Burger King in Barre VT, standing in the rain doin my thing and drawing very strange looks from people. One person wanted to know if I was searching for UFOs, cause if I was he knew "right where to find them!"

The 1338 EDT pass saw me in the parking lot of the VA Hospital in White River Junction on the VT-NH boarder where I-91 and I-89 cross.

The 1513 EDT pass found me in the parking lot behind the Dartmouth BookStore in Hanover NH.

The 1649 EDT pass found me headed back north again at the rest area on I-89 near Sharon VT where they have the Vermont VietNam Veteran's Memorial. i got carefully checked out by two vermont State troopers.

The last pass of the day of consequence at 1824 EDT put me still on I-89 northbound, atop of French Hill near Williston VT and not too far from home. Got checked out again by a VSP tropper and a couple of strange looking truck drivers.

In general, all of the passes were hot. Activity was high. I had switched cars with my girlfirend so I didn't have my TM-261A, but I found that I could just lay the talkie on the dashboard and read a book and I would get a coule of grabage bursts that more than amply gave me time to get out of the car and work the pass.

I really don't know who I worked on which pass, but among the stations my D7 listed for the five passes;

  N8DEU
  N2NWZ-7 (at least two passes)
  N1NFC
  VE3TPZ-7
  N3TAV
  WA4UMR-7
  N1QPR-7 - every pass I think
  VE3XF-2
  VE3KBL-7
  N3UYI-7 - not sure if this was from earlier day

 copied bulletin messages from

   N1NFC "Hi everybody via MIR"

VE3TPZ-7 "Hello from grid"

copied personal message
N1QPR-7 "Hi from Bill" sent a reply and got an ACK for the message

saw a lot o packets from ?? WB8YFL (I hope I have the call right) and a
few others.

Something this much fun seems to me it oughta be illegal or immoral or
something ... oh well back to teaching school tomorrow.

Brian B. Riley --> http://members.macconnect.com/~brianbr
For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"The surest way to corrupt a youth is to instruct him to hold in higher
regard those who think alike than those who think differently."
-- Nietzche

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217. [htaprs] Silence is not always golden

From: "Morris Hays" <mhays@snet.net>
Date: Wed, 9 Jun 1999 19:51:13
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25335-1999.06.09-19.57.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After much anticipation, and checking Bobs site for Mir location,
I climbed to the roof with my new TH-D7a all set up to try my luck.
It was dead silence for the whole pass 8:02 pm to about 8:08 pm.
So much so that immediatelyafterward I had to tune to a local
freq to make sure the HT was working. It was. I followed all the
criteria for comms to Mir and am mystified why I heard nothing.
It was overcast maybe that was the problem. I did try
transmitting even though I couldn't hear anything. I am a newbie
ham and could benefit from any insight as to what if anything
went wrong. Thanks.
KB1DZN "Kell"
mhays@snet.net

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218. [htaprs] heard from MIR

From: pathardy@pythagoras.org (Pat Hardy)
Date: Wed, 9 Jun 1999 19:09:35 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25339-1999.06.09-21.17.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

During the 1830 PDT pass, I heard these posits with my D7A & 14" whip:

N7QXO-7, 572 miles to the north
KC5JOE-7, 1461 miles to the east (Hank in Flower Mound, Texas)
AA0QC, 946 miles to the east
N6GPS-7, 65 miles to the southeast

R0MIR's ID came in strong.

I also received these bulletins:

N7QXO-7, "HI ALL"
N5CV, "This message void where prohibited by law."
KC5JOE-7, "HI"

Very cool. Had a message of my own digipeated; don't know if
the recipient picked it up.

(The AP newswire reported this morning that two veteran cosmonauts in the
Russian Parliment are launching a fund-raiser to save Mir. The story says
that this thing costs $250 million/year to keep in orbit. _Star Wars: The
Phantom Menace_ took in roughly that much in ticket sales during its first

week in the theater...)

Pat Hardy
KE6WDR

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219. [htaprs] Re: d7 with dockking amp

From: n6gps@garlic.com (Brent Bolen)
Date: Thu, 10 Jun 1999 02:48:48 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25349-1999.06.09-21.52.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have exactly the same problem if I use an unfiltered power supply.
The setup is a 40 amp 12 volt supply, and a power cable from Mouser.
When I am in packet mode, and transmit at high power, it appears that
the radio (or at least the TNC) resets. If I set the radio to low or
extra low power, I don't have this problem. I have this happen when I
am running PocketAPRS, and when the TNC resets, it no longer likes to
talk to PocketAPRS. If I switch over to the KenWood "Filtered" cable,
I do not have the problem. I had assumed that the radio was drawing
too much, but on a 40 amp supply I don't know how that is possible.
When I get around to it I want to look at the voltage going into the
radio when it is keyed up to see if there is something funny going on

If you figure something out first, please let me know.

n6gps,
Brent

On Wed, 9 Jun 1999 12:44:01 -0700, you wrote:

>Has anyone experienced a modem reset on d7 with booster amp
>on high power. When i transmit in packet mode (high power) it
>resets the d7 with Tasco Radio Modem and etc message. Packet
>connect then disconnects. It does not do this when i go to low(L)
>power.
>This is a Mirage docking amp, also tried it on friends Maha and
>same problem.
>Has anyone experienced this.
>Thanks
>Don Brown
>
>---
>You are currently subscribed to htaprs as: N6GPS@GARLIC.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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220. [htaprs] Re: d7 with dockking amp

From: "Jeff Tong" <brcomm@imt.net>
Date: Wed, 9 Jun 1999 22:23:36 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25371-1999.06.10-00.12.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The symptoms you all are seeing remind me of problems we see all the time in
some high power commercial two way radios as well as ham H.T.'s on external
powwer supplies. The D7A appears to have inadequate r.f. suppression on the
external power input. When a supply is connected to the radio with no
filtering at the input jack, R.F. at transmit re enters the radio via the
power leads. The CPU in the radio gets confused with all the extra logic
transitions taking place and goes stupid. Building a power l;ead with a
couple of bypass caps between the + side and ground should eliminate the
problem.

Jeff

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221. [htaprs] magellan gps300

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Thu, 10 Jun 1999 10:50:40 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25389-1999.06.10-04.45.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello

Does anyone know this gps300 from magellan.
Is it any good for use with the thd7 (old firmware)
It seem realy cheap for under $100.

I found 1 url: http://linux1.asbank.com/~valco/gps/gps300.htm

73 de Andre PE1RDW
http://www.pe1rdw.demon.nl

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222. [htaprs] Re: magellan gps300

From: Walter Dunckel <wdunckel@best.com>
Date: Thu, 10 Jun 1999 04:09:27 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-25390-1999.06.10-06.18.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes it is cheap, put it looks like it has no NMEA port. This makes it
usable only by manually punching in your co-ordinates. I would go with a
Garmin GPS-12 if you are looking for a low price model. It sells for
$145 at http://www.gpscity.com/

Walter
http://www.radiohound.com

"Schayk A.H. van" wrote:
>
> Hello
>
> Does anyone know this gps300 from magellan.
> Is it any good for use with the thd7 (old firmware)
> It seem realy cheap for under $100.
>
> I found 1 url: http://linux1.asbank.com/~valco/gps/gps300.htm
>
> 73 de Andre PE1RDW
> http://www.pe1rdw.demon.nl

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223. [htaprs] Re: TH D7

From: Jim Baremore <k5qq@juno.com>
Date: Thu, 10 Jun 1999 06:38:52 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-25394-1999.06.10-07.58.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jerry

Congratulations on getting your station up and going!!
On Wed, 9 Jun 1999 10:5:4 "Gerald Schmitt" <kk5yy@arrl.net> writes:
>snip...
>
>Over the weekend I tried APRS+SA and did not like it too much. I
>was driving most of the time so the test was not fair.

Humm, I saw you on the map in White Rock over the weekend but did not
see any movement of your station.

>My solution with the TH-D7A and SA is to connect in parallel the GPS and
>the computer letting SA do the moving map and the TH-D7A do the
>APRS. You don't get immediate updates of other stations this way but
>you are able to control the size of the moving map. I tend to zoom in
>and out as circumstances dictate. Perhaps you can do this in APRS+SA
>but I can't figure out how.
>

Yep, that's easy but is buried down in the menu's a bit and easy to
overlook when you first start playing with APRS+

COMMANDS; MAP FEATURES; CENTER AND MAGNITUDE will get you more control of
your display when APRS+ writes an overlay. You can also zoom by using
the page up and down buttons in SA like you normally do once APRS+ draws
a map. I guess maybe that is obvious but just to clarify that once an
overlay is drawn, any manual manipulations of the screen are as you
normally use SA

>Snip
>
>Since the reported stations are being sent by the TH-D7A there should
>be a way to paint them on the SA map I'm giving that some thought.
>
>If I'm doing something stupid and APRS+SA will do what I want I would
>love to know that $60 is not worth my time to hack SA6

I have run mine as a fixed station by putting the TH-D7 in the TNC mode
and feeding it to APRS+.   My position was entered into the APRS+ setup
screen. That works fine for a fixed station but note that the TH-D7 is
just being used as a TNC/Radio combination. All of the APRS info is
being generated by the APRS+ program.

To do tracking whle running APRS+ will require a 2nd Serial port for the
GPS data to go to the APRS program via the Port 2 GPS input.
Alternatively you can build the one transistor HSP adaptor and then
select that mode on the Port 1 TNC input.

This is exactly the same as is done with other TNC's except for the new
KPC3+ Ver 8.3 ROM units which have a 2nd firmware port built into the
TNC's. Saves the cost of a pcmia serial port card...

>   Adios and 73 Jerry KK5YY

Give me a call(296-9267) sometime when you are playing with it and we can
get on a common repeater and perhaps do some long distance trouble
shooting.

C U

Jim Baremore K5QQ

_____
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224. [htaprs] Re: Vermonts Traveling MIR/D7 Roadshow hits 5 for 5

From: Bill_Northup@stratus.com
Date: Thu, 10 Jun 1999 09:25:51 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25398-1999.06.10-08.38.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Uising MIR as an APRS digi has been lots of fun. I have also
learned that you need to know all of the details of how to send
messages with the D7 before the pass starts because there just
isn't enough time to sit and read the manual in the short time you
have for the pass.

It was fun to get and message to and from Brian in Vt. On that pass
I was showing someone else the D7 and how it worked and that we
were sending information via MIR.

I noticed that I decoded far fewer postits than Brian did. I have been

using the rubber antenna that came with the radio and found that it
does not do to well. Today I have changed to a better/longer rubber
duck and hope to hear more. Other times I have been in the office
where I have an antenna stuck on a window on the north side of the
building so again I don't hear much until mir is north of me. But even
with these limitations I have seen that I can get a few postits and a
message out on every pass that I have been able to hear any packets
comming from mir.

here is the list of stations that I heard

KF4HJW-2
N8DEU
KA2BQE-2
VE3XF-2
N2NWZ

I will be on again today
Bill N1QPR (with -2, -3, -7, and -12 on APRS)

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

225. [htaprs] GPS/PC cables

From: Arte Booten <n2zrc@webspan.net>
Date: Thu, 10 Jun 1999 16:17:12 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25425-1999.06.10-15.28.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     A few days ago somebody mentioned a Radio Shack coiled cellular
phone cable that could be used with the D7 to make a PC cable or to use
with their GPS. Would someone please send that RS SKU # so I can buy
two of them? I want to have the PalmPilot and GPS hooked up for this
weekend. I plan on showing this rig off to my fellow ARES/RACES col-
leagues early Saturday morning!   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
      "The alien ship is moving toward the jumpgate." "How fast?"
      "Fast." "Be faster!"   - Delenn and Lennnier, Babylon 5

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

226. [htaprs] Re: Vermonts Traveling MIR/D7 Roadshow hits 5 for 5

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 10 Jun 1999 16:36:22 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25426-1999.06.10-15.43.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/10/99 9:25 AM, Bill_Northup@stratus.com (Bill_Northup@stratus.com)
passed this wisdom:

>Uising MIR as an APRS digi has been lots of fun. I have also
>learned that you need to know all of the details of how to send
>messages with the D7 before the pass starts because there just
>isn't enough time to sit and read the manual in the short time you
>have for the pass.
>
>It was fun to get and message to and from Brian in Vt. On that pass
>I was showing someone else the D7 and how it worked and that we
>were sending information via MIR.

 where are you located Bill?

>I noticed that I decoded far fewer postits than Brian did. I have been
>using the rubber antenna that came with the radio and found that it
>does not do to well. Today I have changed to a better/longer rubber

>duck and hope to hear more. Other times I have been in the office
>where I have an antenna stuck on a window on the north side of the
>building so again I don't hear much until mir is north of me. But even
>with these limitations I have seen that I can get a few postits and a
>message out on every pass that I have been able to hear any packets
>comming from mir.

   I have been using an Antennaco single element 2 meter beam. It has a
square stock boom about 20 inches long for side mount on a tower leg and
a 2 foot RG58U pigtail with a PL-259 on it. I have been using that with
combo of SO-239 to BNC and BNC to SMA tweenies to the D7. (I just today
ordered a Comet SMA-24 from HRO - they are $22.95)

>here is the list of stations that I heard
>
>KF4HJW-2
>N8DEU
>KA2BQE-2
>VE3XF-2
>N2NWZ
>
>I will be on again today
>Bill N1QPR (with -2, -3, -7, and -12 on APRS)

 speaking of 'today' - I took three of my students out into the parking
lot with me for the 1238 EDT pass and lo and behold there was voice and
what sounded like SSTV. It was a 40+ dgeree pass for my QTH and they were
full scale and DFQ. I tried to make contact but no luck ... the kids were
impressed that i could hear and possibl talk to a space station with the
tiny little HT.

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "There is only one war, and it's not the rich against the poor, the
   blacks against the white, the Federation against the Borg, or the
   Democrats against the Republicans. It's those who are complete
   idiots against those of us who ain't." -- from on the net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

227. [htaprs] Success at last (R0MIR works better than ROMIR)

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Thu, 10 Jun 1999 13:49:29 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25428-1999.06.10-15.55.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Finally got the "MY PACKET" in two consecutive passes! Thanks to "Doc"
(N6CO) for pointing out to me that I had "O" vs. "zero" in the "R0MIR" of my
UI path. This is why I could never get my packets through for the past
week... ;-/

I saw position reports from the following stations here in El Dorado Hills
(near Sacramento), CA during the 12:30 PDT pass of MIR:

   KB8RWI
   WA6YLB-6
   KD6PLI

... and messages/bulletins from the following stations:

   N7QXO-7
   KD6PLI

This is really fun! %-)

Ed Braaten, K6EKB
mailto:k6ekb@arrl.net
http://home.sprynet.com/~ekb/

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228. [htaprs] Re: GPS/PC cables

From: "Maxwell C. Lee" <n4nwd@bellsouth.net>
Date: Thu, 10 Jun 1999 17:28:20 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-25434-1999.06.10-16.37.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey Arte,

Radio Shack Stock #43-2003
"6-Ft Hands-Free Headset Extension Cable"
Telephone Accessory

This is in the Area of the Regular Landline Phones.

Good Luck
(((((: Mad Max :)))))

Be careful of the Toes you step on today,
they may be connected to the
Butt you have to kiss tomorrow.

Arte Booten wrote:

> Hi all,
>
>   A few days ago somebody mentioned a Radio Shack coiled cellular
> phone cable that could be used with the D7 to make a PC cable or to use
> with their GPS. Would someone please send that RS SKU # so I can buy
> two of them? I want to have the PalmPilot and GPS hooked up for this
> weekend. I plan on showing this rig off to my fellow ARES/RACES col-
> leagues early Saturday morning!   73

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

229. [htaprs] D7 Messages

From: Ron Walther <rascal@azstarnet.com>
Date: Thu, 10 Jun 1999 15:27:34 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25439-1999.06.10-17.34.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Afternoon Siggers;

Would anyone know how to delete messages from the D7..??..

73, Ron -- W7AI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

230. [htaprs] Re: D7 Messages

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 10 Jun 1999 22:23:45 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25494-1999.06.10-21.30.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/10/99 6:27 PM, Ron Walther (rascal@azstarnet.com) passed this
wisdom:

>Good Afternoon Siggers;
>

>Would anyone know how to delete messages from the D7..??..
>
>73, Ron -- W7AI

 you don't they scroll off ... you can delete netries in list but not
messages

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "Despite the bleating of various socialistically-anointed
 freakshow groups, the vast majority of us realize that bringing
 children into the world is not only the most wonderful endeavor
 with which we can be associated but absolutely essential if we
 aren't going to put ourselves on the EPA's endangered species
 list." Winston Borden

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

231. [htaprs] Re: D7 Messages

From: Walter Dunckel <wdunckel@best.com>
Date: Thu, 10 Jun 1999 20:14:59 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-25504-1999.06.10-22.22.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes,
Use the Kenwood software and save all the settings of your D7 in a new
file. Now go to the radio menu of your radio and perform a FULL Reset.
All your messages will be gone. Now reload the settings that you saved
in the file.

Sorry, this is the only known way to remove old messages on your HT, but
it does work!

Walter
http://www.radiohound.com

Ron Walther wrote:
>
> Good Afternoon Siggers;
>
> Would anyone know how to delete messages from the D7..??..

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

232. [htaprs] Mir quest

From: John Sullivan <johns@quickturn.com>
Date: Fri, 11 Jun 1999 01:05:15 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25530-1999.06.11-03.11.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been trying to pass a position report through Mir since last
Friday using a D7. Unsuccessfully, for various reasons, until tonight.
The last pass was further west than the others, which may be why there
was less traffic on the repeater/BBS. The longer antenna may have
helped also.

I've attached a list of stations heard on four of the passes. I also
listened on Monday night, but the battery pack went south on the first
5W transmission, and may have corrupted the APRS list. One of the
received messages listed below was displayed as an outgoing message
addressed to the sender.

Does anyone know what a "B" means on the right of the first line of
the message display. The manual shows only "+", "*" or "." for that
location. It may just be an error caused by the radio resetting itself
when the battery voltage dropped.

73 de John WD6BTP

1999/06/05, 0401Z, QTH 37 20.47N 121 57.39W, max el. 56 deg.

AA6JR, APRS+SA Jeff in Agou, DM04OD WX, 34 09.57N 118 47.29W
N6GPS-7, Hello from Hollister, CM96HU Home, 34 33.41N 117 15.42W
NY4I, Hello From Salt Lake City

1999/06/07, 0318Z, QTH 37 20.47N 121 57.39W, max el. 49 deg.

KC7LSP, LIE QTH
WA6LIE-3, Scott's Shack in Sal, CM96EQ /`, 36 40.04N 121 38.87W
N6TVZ-7, D7A-tom@spectron.net, DM14GC Triangle, 34 05.29N 117 25.14W
KE6JAB-7, Using a TH_D7A, DM09CM Jeep, 39 32.02N 119 45.18W
N6GPS-3, N6GPS @ 50 milliwatt, CM96GT Motorcycle, 36 48.91N 121 25.30W
WD6BFC, WD6BFC@arrl.net D7A, CN80TP Jogger, 40 39.66N 122 21.67W
KB7WFO, WinAPRS 2.2.6 -AZPIM, DM42LG Home, 32 15.85N 111 03.85W
KB8RWI, BEACON,R0MIR*:_QTH_5
K7GPS-7, TH-D7A APRS_DAVE, CN86HM Jogger, 46 32.00N 123 23.00W
W9JIU, Win APRS2.2.3 -AZPIMT, DM42MI Home, 32 22.10N 110 58.33W
KD6WXD-7, Steve in Mtn View CA, CM87XI Jogger, 37 22.28N 122 04.18W
KE6WDR, PHardy@xeper.org, CM87UK Home, 37 26.35N 122 19.37W

1999/06/09, 0235Z, QTH 37 20.47N 121 57.39W, max el. 41 deg.

KD6PLI
N6GPS-7, Hello N5CV, CM96GT Motorcycle, 36 48.91N 121 25.30W
KC7LSP, Hello WB6NGC
WB6NGC-7, mead@usc.edu, DM04WD Jogger, 34 07.61N 118 09.09W
KC6YNG, KC6YNG -CAORACOSTA M, DM13BP /M, 33 39.00N 117 53.38W
N5CV, Lawnmower mobile., CM87XI Jogger, 37 21.36N 122 04.36W
WB7WHF, Steve in Prosser, WA, DN06CE Home, 46 11.84N 119 47.28W
N7QXO-7, N7QXO@JUNO.COM, CN85QR Jogger, 45 43.25N 122 39.95W
N5CV, This msg void where prohibited by law.

1999/06/11, 0152Z, QTH 37 20.47N 121 57.39W, max el. 35 deg.

KD6VYV-7, www.radiohound.com, CM97DE Jeep, 37 12.03N 121 42.47W
N7UWX, WinAPRS 2.2.7 -227-<, DN41CR Home, 41 43.08N 111 49.18W
N6GPS-7, PalmAPRS V0.33, CM96GT Motorcycle, 36 48.91N 121 25.30W
N7QXO-7, ARE U READY 4 APRS FD?
MY PACKET

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233. [htaprs] GPS/PC cables - Part 2

From: Arte Booten <n2zrc@webspan.net>
Date: Fri, 11 Jun 1999 14:25:16 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25565-1999.06.11-13.33.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     An assumption: Using the Garmin Data/power cable, I'd connect the
Data out (from the Garmin) to the RXD line on the D7 and the Data in to
the TXD line. The red wire would go to my 12v supply and the ground to
the outer sleeve of the 2.5mm plug.

     My confusion: Where's the return path for DC? Do I also need to
connect that same ground from the Garmin to the negative side of the
power supply?

     A suggestion: I'll be wiring a female DB-9 to the end of the Garmin
cable. This will allow me to use it with the D7 (using a male DB-9 on
the end of the Radio Shack Stock #43-2003 "6-Ft Hands-Free Headset Ex-
tension Cable") as well as with any other program that expects to find a
GPS at the com port. A bit more work, but makes the cable closer to a
"universal" one than simply something to use with the D7.   73

____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|

```
|Riverdale, New York [FN30bu]       !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|_____________________________________________________________________|
      "The alien ship is moving toward the jumpgate."  "How fast?"
      "Fast."  "Be faster!"       - Delenn and Lennnier, Babylon 5


---
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```

234. [htaprs] Re: GPS/PC cables - Part 2

From: n7qxo@juno.com
Date: Fri, 11 Jun 1999 11:57:34 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-25567-1999.06.11-14.10.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
Arte,

When I wired up mine I used the same ground for the dc as the data for
the D7A.  Basically the Gnd on the Garmin is setup in a Y configuration.

Ron Reeves
N7QXO

On Fri, 11 Jun 1999 14:25:16 -0400 Arte Booten <n2zrc@webspan.net>
writes:
>Hi all,
>
>     An assumption:  Using the Garmin Data/power cable, I'd connect
>the
>Data out (from the Garmin) to the RXD line on the D7 and the Data in
>to
>the TXD line.  The red wire would go to my 12v supply and the ground
>to
>the outer sleeve of the 2.5mm plug.
>
>     My confusion: Where's the return path for DC?  Do I also need to
>connect that same ground from the Garmin to the negative side of the
>power supply?
>

---
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```

235. [htaprs] HamCom '99 - Operating tips?

From: "Harry Burford" <hburford@airmail.net>
Date: Fri, 11 Jun 1999 16:52:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25605-1999.06.11-16.59.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
HamCom is this weekend in Arlington, TX.  Anyone have any operating tips for
the pack of D7 owners that I'm sure will be operating there?

*  Does a nearby RELAY or WIDE exist?  I don't see anything on my map within
handheld range.
*  What is the suggested path set up...   RELAY,WIDE or RELAY,WIDE,WIDE or
???

I suspect the TH-D7 will be most useful for messaging since position will be
difficult to determine inside a building and there may not be too many folks
able to lock up a GPS inside.

See y'all there Saturday!

Harry, KAØTTY



---
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```

236. [htaprs] Re: Getting started with latest APRS and TH-D7A

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 11 Jun 1999 18:37:34 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-25622-1999.06.11-17.44.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 9 Jun 1999, Thomas E. Hatton wrote:

> I am sure I am forgetting something obvious, but when I try to start APRS
> with my TH-D7A on the APRS frequency and in the TNC mode, I get error 68,
> then if you don't press "Q", it hangs....

In APRSdos, that means the comm port you selectd is un available (or
Windows stole it). Boot PC directly to DOS and it should resolve the
problem. Or disable what ever program is alsomclaiming to use that COM
port...

bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

237. [htaprs] Re: Kenwood D-7A

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 11 Jun 1999 18:40:43 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
htaprs@tapr.org
Message-ID: <LYR845-25627-1999.06.11-17.47.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone in Utah wanna contact Phil?

On Wed, 9 Jun 1999, Phil Thunborg wrote:

> Also, do you know of any APRS activity in the Provo/Salt Lake City areas of
> Utah or who I might contact?
>
> Phil Thunborg <theborg@itsnet.com>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

238. [htaprs] Re: GPS/PC cables - Part 2

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 11 Jun 1999 20:48:04 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25639-1999.06.11-19.54.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/11/99 2:25 PM, Arte Booten (n2zrc@webspan.net) passed this wisdom:

>Hi all,
>
> An assumption: Using the Garmin Data/power cable, I'd connect the
>Data out (from the Garmin) to the RXD line on the D7 and the Data in to
>the TXD line. The red wire would go to my 12v supply and the ground to
>the outer sleeve of the 2.5mm plug.
>
> My confusion: Where's the return path for DC? Do I also need to
>connect that same ground from the Garmin to the negative side of the
>power supply?

Hey Art!! Prepare heel of palm for a forehead slap ... bad design but
its shared with signal ground.

Brian B. Riley --> http://members.macconnect.com/~brianbr
For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"The first 75% of the project takes 90% of the time;

the last 15% of the project takes the other 90% of the
time. -- Barry Wainwright and numerous ofthe engineers

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

239. [htaprs] Fw: VIRUS ALERT - Zipped_files

From: "Peter Black" <zr5dwc@iafrica.com>
Date: Sat, 12 Jun 1999 15:02:01 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25666-1999.06.12-08.09.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: <srivatsa@pspl.com>
To: <zr5dwc@iafrica.com>
Sent: Saturday, June 12, 1999 1:19 PM
Subject: VIRUS ALERT - Zipped_files

> This mail comes to you from the Virus Emergency Response Team
> at Proland Software.
>
> Trojan: Zipped_files.exe
>
> This is a new and dangerous trojan program that is extremely fast
> spreading. Zipped_files or explorezip is a Win32 based dangerous
> trojan program. This trojan affects systems running Windows 95,
> Windows 98 and Windows NT. It has the capability of spreading on its
> own using email. It's destructive payload will delete many document
> and program source files.
>
> More information and instructions to detect and remove this trojan
> are available at:
>
> http://www.pspl.com/trojan_info/win32/zipped_files.htm
>
> You are welcome to circulate this information to anyone it will be
> of help to.
>
> If you have any problems, please write to support@pspl.com
>
> Sincerely,
>
> The Virus Emergency Response Team
> Proland Software.
> http://www.pspl.com
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

240. [htaprs] Stations heard via Mir in Hollister CA.

From: n6gps@garlic.com (Brent Bolen)
Date: Sat, 12 Jun 1999 16:04:13 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25673-1999.06.12-11.07.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is the list of stations I have heard here in Hollister California
via Mir in the last week:

AA0QC	AA6JR	AB0GD-1	AB7IC	
AB7QN-1	K2GT	K5PK	K6EKB-7	
K6TSR	K7DYK	K7GPS-7	K7IP-7	
K9MTN-7	K9SA-9	KA0TTY-7	KB0NWT	
KB0VBZ	KB0WZI-1	KB5EDB	KB6LWN	
KB7OUZ	KB7WFO	KB7WWP-14	KB8RWI	
KB9UKD	KC5DHE	KC5ILO	KC5JIF-4	
KC5JOE-7	KC5UWA-7	KC5ZJR	KC7LSP	
KC7NFZ	KC7QAG	KC7QYR	KC6YNG	
KC7ZRU	KC8CLB	KD5DKL	KD5FCQ	
KD5GOG	KD5XB	KD6IVL	KD6PLI	
KD6SP-9	KD6VYV-7	KD6WXD-7	KD7NM-9	

```
KE6JAB          KE6TIV          KE6VRL-7        KE6WDR
KE9NA-1 KF6QNC  KG0ND           KJ7AZ-1
KJ7XK           KK5YY-7 KK7DZ           KM5IB
KO6XS           KQ6JZ           KS4XQ           KU4LY-7
KU0G            N0JY-6          N0MN-7  N3JF-7
N5CV            N5MML           N5NRM           N5TD
N5ZNL           N6CDJ           N6CO            N6RZR
N6TVZ-7 N6VIG-15        N7CNH           N7OI-7
N7QXO-7 N7RYY-7 N7SFI           N7UWX
NY4I-7          NZ6N            W0DEL           W5JAK
W6EY            W6LSW-7 W7AI-7          W9JIU
WA2AGE-7        WA6LIE-3        WA6YET  WA6YLB-6
WA7OEF  WA7RVV-7        WA9BNZ  WB0WNX-5
WB6DUO-4        WB6NGC-7        WB7WHF  WD6BFC
WD6BTP  VE3CBJ-7        VE4GN           VE6DHW
VE7AHX  VE7BAK  VE7VDX

Brent
N6GPS


---
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```

241. [htaprs] APRS 24/7 Message Sink?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 12 Jun 1999 12:31:12 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-25680-1999.06.12-11.38.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 10 Jun 1999 Bill_Northup@stratus.com wrote:

> Uising MIR as an APRS digi has been lots of fun. I have also
> learned that you need to know all of the details of how to send
> messages with the D7 before the pass starts because there just
> isn't enough time to sit and read the manual in the short time you
> have for the pass.

Remember that APRS is connected worldwide and as long as there is an IGATE
near you, you can use the THD7 or any APRS to send a message to anyone
worldwide who is also near an IGATE. You can use that to impress friends
at any time, as long as you can guess at someone's call across the
country.

The IGATE in our area is up and down, so it is not reliable. Otherwise I
soiuld suggest sending a message to my office W3ADO and you will always
get a n ack.

QUESTION FOR EVERYONE: DOes anyone volunteer their 24/7/365 station as a
"show-off" message sink? It would be nice to have a few known 24/7 CALLS
that people can use for demos. Dont volunteer a site unless you want it
to be always full of traffic...

Just an idea.

de WB4APR, Bob

 > I noticed that I decoded far fewer
postits than Brian did. I have
been > using the rubber antenna that came with the radio and found that it
> does not do to well. Today I have changed to a better/longer rubber
> duck and hope to hear more. Other times I have been in the office
> where I have an antenna stuck on a window on the north side of the
> building so again I don't hear much until mir is north of me. But even
> with these limitations I have seen that I can get a few postits and a
> message out on every pass that I have been able to hear any packets
> comming from mir.
>
> here is the list of stations that I heard
>
> KF4HJW-2
> N8DEU
> KA2BQE-2
> VE3XF-2
> N2NWZ
>

> I will be on again today
> Bill N1QPR (with -2, -3, -7, and -12 on APRS)
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

242. [htaprs] Re: APRS Kids Day

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 12 Jun 1999 13:26:29 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: Cars List <cars@k4ksa.org>, 4ginger2@gte.net,
        TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
        htaprs@tapr.org
Message-ID: <LYR845-25692-1999.06.12-12.34.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The folloing message details 19 June as KIDS DAY to get them on the air.
I think APRS has a wonderful opportunity here also. In APRS, consider
setting your MESSAGE GROUPS to include the group call of KIDS. THen on
KIDS day, you sohould be able to easily contact other KIDS. Once you get
a reply, then be sure to use the actual callsign for replies.

The following is significantly excerpted to reduce bandwidth:

On Fri, 11 Jun 1999, Paul Womble wrote:

> KID'S DAY SHOWS OFF HAM RADIO TO NEXT GENERATION
>
> If you've ever said we need to get more young people into ham radio,
> Kid's Day presents ample opportunity to put your words into action. Just
> ask some young people to spent at least 15 minutes in your ham shack on
> Kid's Day--June 19--talking to other youngsters...
>
> Kid's Day was started by "Tree" Tyree, N6TR, under the auspices of the
> Boring Amateur Radio Club in Oregon. N6TR asked the ARRL to assist with
> sponsorship.
>
> During a January running of Kid's Day, more than 400 youngsters took
> part (see June QST, page 32).
>
> Bettendorf, Iowa, plan to set up a station at the Bettendorf Family
> Museum of Arts & Sciences for Kid's Day. They'll hand out certificates
>
> Ham volunteers at Kopernik Observatory, in Vestal, New York, are
> inviting area youths to visit on Kid's Day, and will operate through the
> satellites, listening for other youngsters on-the-air.
>
> Worldradio Editor Rick McCusker, WF6O, of Sacramento, California, has
> printed flyers about Kid's Day and distributed them in his neighborhood.
>
> Kid's Day is June 19, 1800-2400 UTC. Suggested event frequencies are
> 14,270 to 14,300 kHz and 28,350 to 28,400 kHz. For more details about
> Kid's Day, visit http://www.jzap.com/k7rat/.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

243. [htaprs] APRS Events Calendar

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 13 Jun 1999 12:33:20 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: amsat-bb@amsat.org, sarex@amsat.org, htaprs@tapr.org
Message-ID: <LYR845-25778-1999.06.13-11.40.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is a short summary of upcoming communication/tracking events. Please
let us know of any events that others might find interesting even if
local. We can still watch from afar via http://www.aprs.net

16 Jun AMSAT NET @ 2100 EDT on GE1, 5.7 MHz. APRS CheckIn w WD5DZC
16 Jun 3 days KC7NFZ hiking in Denali AK. WOrking AO27 and APRS via MIR
19 Jun Kids Day. 1400-1000 EDT. APRS everywhere; voice on 14270,28350.
19 Jun Saturday. PG County, MD Y2K Drill 1300-1600 EDT
20 Jun Sunday. SUNrayce Wash DC to Florida. APRS?
23 Jun Tuesday AMSAT NET @ 2100 EDT on GE1, 5.7 MHz. APRS Ck-In w WD5DZC
26 Jun FIELD DAY! TAPR TECHNOLOGY DAY! APRS, AO-27 Everywhere
27 Jun FIELD DAY! TAPR TECHNOLOGY DAY! APRS, AO-27 Everywhere
25 Jun to 5 Jul KK5YY AO27 and mobile APRS in Alaska
2 Jul to 5 Jul Circus Train Baraboo to Milwaukee WI SSB on 40, 20, 15.
11 Jul 1800 UTC APRS talk in South Africa via Landline/ voice nets
20 Jul STS-93 SAREX with packet (APRS?)
21 Jul NASA Goddard ARC meeting on APRS Mic-Encoders and Mic-Lite.
?? Aug SIMSAT Launch. APRS Balloon in Wash DC area

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

244. [htaprs] Ham-Com -- Station monitored list

From: "Harry Burford" <hburford@airmail.net>
Date: Sun, 13 Jun 1999 12:56:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25792-1999.06.13-13.03.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here are the stations I monitored on the TH-D7 while at Ham-Com on Saturday.
I only ran the TNC while at the convention center and turned the radio off
while in some of the sessions. The path WIDE,WIDE seemed to be the way to
get out of the building and get a MY PACKET back on a beacon. Gave a TH-D7
demo to a ham frustrated at trying to decide between the Icom or the Yaesu
tri bander HT. Suddenly after reading the temperature of a couple of nearby
weather stations and sending a message to my home station, there were 3 HT's
on his list.

WB5NZV-8
N5TAM-3
W5TFV-7
K5QBM-2
KA0TTY
N5TAM-15
KC5GOI-7
KB5IOK
KC5EJK
WB5NZV-9
KC5DHE
KB5IOK-14
KK5SC-14
KA5GLX-10
N5CSU
KC5SYS-9
N0OOR-9
WD5CWZ-9
WB0TSX
KC5QBY-15
K5FTW
WB5QLD
KC5GLG
K5BL
KC5GOI
KC7IIB-9
KC5EJK-7
N5YXO-1

KC5UIB-14

Harry, KAØTTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

245. [htaprs] Bulletin's on MIR [APRS]

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 13 Jun 1999 19:26:44 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25832-1999.06.13-18.34.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I asked Doc, N6CO to put some APRS bulletins on the MIR downlink so that
THD7's would see something. Here is what he reports to have installed:

R0MIR>MIREX::BLN2   :The MIREX team & crew sends greetings to ALL World Wide
R0MIR>MIREX::BLN1   :Please enjoy APRS UNPROTO Via R0MIR

Again, the solicitation in BLN1 is for low power 5W QRP stations using the
effecient short THD7 or other short packets. I dont think it is a good
idea to do base-station-to-base station verbose POSITS, or we will wear
out our welcome from the other non-APRS stations.

Finally do NOT try for ACKS. Once you see your packet successful via
MIR, STOP TRANSMITTING It; The other stations probably got it. If you
are going to send a message, send it as a bulletin so that other THD7's
can see it.

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

246. [htaprs] MIR passes

From: "Jeremy DuMont" <jeremy@slic.com>
Date: Sun, 13 Jun 1999 19:44:10 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25835-1999.06.13-18.58.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

someone before was looking for any easy way to track MIR
http://liftoff.msfc.nasa.gov/RealTime/JPass/20/
just change it to all passes instead of visible and it will even give star
maps with coordinates to know which direction it is.

Jeremy "ß£ÅR" DuMont
KC2DNW

-----BEGIN GEEK CODE BLOCK-----Version: 3.1
GAT d+ a? C++++ UL L+ W+++ w+++++ O M-- PS Y PGP t--- tv++ DI++++ G h*r---
z--
------END GEEK CODE BLOCK------

decode @ http://www.ebb.org/ungeek/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

247. [htaprs] SSTV

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Sun, 13 Jun 1999 21:54:50 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25855-1999.06.13-22.02.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know of shareware SSTV software that will talk to the VC-H1?
Thanks

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

248. [htaprs] Re: d7 with dockking amp

From: Jon Ogden <jono@enteract.com>
Date: Mon, 14 Jun 99 08:47:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25887-1999.06.14-08.48.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I have exactly the same problem if I use an unfiltered power supply.

The TH-D7A does NOT like an unfiltered power supply line. I ran one
originally in my car and had ALL SORTS of goofy problems. Using Kenwoods
filtered cord was an expensive solution but it cured the problems.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

249. [htaprs] Re: D7 Messages

From: Jon Ogden <jono@enteract.com>
Date: Mon, 14 Jun 99 08:47:23 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25888-1999.06.14-08.48.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Good Afternoon Siggers;
>
>Would anyone know how to delete messages from the D7..??..

You don't. They delete themselves.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

250. [htaprs] Re: GPS/PC cables - Part 2

From: Jon Ogden <jono@enteract.com>
Date: Mon, 14 Jun 99 08:47:28 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25889-1999.06.14-08.48.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   My confusion: Where's the return path for DC? Do I also need to
>connect that same ground from the Garmin to the negative side of the
>power supply?

You need to connect the ground to BOTH the TH-D7A and your power supply
ground.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

251. [htaprs] NEWS ARTICLE

From: Jerry K9GD <jerry@k9gd.com>
Date: Mon, 14 Jun 1999 08:45:34 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org, aprssig@tapr.org
Message-ID: <LYR845-25890-1999.06.14-08.52.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

MSNBC has a nice story on the GARMIN GPS-III and the Kenwood HT, check it out

http://www.msnbc.com/news/279038.asp

Best Regards,

Jerry K9GD
mailto:jerry@k9gd.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

252. [htaprs] Re: NEWS ARTICLE

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Mon, 14 Jun 1999 09:10:48 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@tapr.org>, <aprssig@tapr.org>
Message-ID: <LYR845-25893-1999.06.14-09.18.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> MSNBC has a nice story on the GARMIN GPS-III and the Kenwood HT, check it
out
>
> http://www.msnbc.com/news/279038.asp

They did sorta forget to mention that you need a licence to play..

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

253. [htaprs] Map matching (O/T)

From: "Mark A. Keiser" <mkeiser@chi.navtech.com>
Date: Mon, 14 Jun 1999 09:12:30 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25896-1999.06.14-09.20.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just a quick question: I have a Garmin III. How do I turn on "map
matching"?

FYI: Map matching is the term for using a GPS signal to match the icon (me)
to the nearest road segment (I-55, for instance), instead of making my icon
look like I'm plowing a field next to the freeway.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

254. [htaprs] APRS in Utah

From: "Jim Olsen" <jolsen@novonyx.com>
Date: Mon, 14 Jun 1999 08:19:54 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25902-1999.06.14-10.35.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am located in Utah, but there is not a whole lot of activity here. I
drive around with my D7A on fairly regularly from Park City to Provo UT, but
have only picked up one or two other stations on the new assigned frequency.
I am also working on some software and do sometimes have a weather station
operating in Park City. It is only up periodically.

Is there an APRS frequency coordinator in Utah yet? The frequency was
fragmented to about 3 or 4 different ones about a year ago.

Just curious,

Jim Olsen
jolsen@novonyx.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

255. [htaprs] Re: APRS in Utah

From: "Tom Schaefer" <toms@inconnect.com>
Date: Mon, 14 Jun 1999 10:26:57 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25912-1999.06.14-11.32.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There are at least 30 stations on APRS in Utah. We have digipeater coverage
from Orem to the Idaho border. Based on your route from Provo to Park City,
you are running behind the mountain so you might not see us. We are working
on a digipeater for Scott's hill above Park city so the Olympics and our
frequent ski visitors will have access into the network. If you ever drive
north of Provo, you will hear all kinds of activity from SLC - north.

Frequency wise we are on 144.390. That is the recognized frequency for Utah.
Regarding coordination, we have a mailing list for Utah info that you may
subscribe to at subscribe-utahaprs@onelist.com

Btw, there is a WX station in Sandy as well.

Drop me a line if you have any questions or better yet, join the mailing
list.

73,

Tom NY4I

----- Original Message -----
From: Jim Olsen <jolsen@novonyx.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Monday, June 14, 1999 8:19 AM
Subject: [htaprs] APRS in Utah

> I am located in Utah, but there is not a whole lot of activity here. I
> drive around with my D7A on fairly regularly from Park City to Provo UT,
but
> have only picked up one or two other stations on the new assigned
frequency.
> I am also working on some software and do sometimes have a weather station
> operating in Park City. It is only up periodically.
>
> Is there an APRS frequency coordinator in Utah yet? The frequency was
> fragmented to about 3 or 4 different ones about a year ago.
>
> Just curious,
>
> Jim Olsen
> jolsen@novonyx.com
>
>
> ---
> You are currently subscribed to htaprs as: TOMS@INCONNECT.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

256. [htaprs] AO-27 Internet Monitor Gateways

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 14 Jun 1999 16:25:36 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
htaprs@tapr.org
Message-ID: <LYR845-25928-1999.06.14-15.33.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

AO-27 is one of the most popular AMSAT's because it allows Handheld
VOICE communications. As part of my focus on using Satellites for
mobile/portable Amateur Radio operations, this paper suggests ways to
improve the visibility of such operations by tying the AO-27 downlink
into the internet and WEB pages so that everyone can monitor the
activity. This is very useful for outreach to kids and schools.

All we need are a few stations monitoring the downlink and feeding it
into the internet for access. These ground stations need only a UHF
receiver and fixed antenna. Only 9 or so would provide 90% coverage
for all passes over the USA. THere are two types of information on
the downlink, voice and PTT tone bursts. The PTT tones here are only
the 0.2 second ID burst that can be appended to the end of any voice
QSO by the new Kenwood THD7 dual band 5W HT or from any radio using
the APRS Mic-Encoder. First I will address this tone burst since it
is the easiest.

The 0.2 second tone bursts contain the stations' position, course,
speed and brief Status. NOTE! we are NOT suggesting packet operations
on AO-27, but these computer-readable bursts are invaluable in the
rapid and precise identification of users. On the ground, these bursts
can be distirbuted worldwide almost instantly by the existing APRServe
internet infrastructure and instantly plotted on many LIVE WEB pages
such as http://www.aprs.net . Thus, not only do we have a self logging
satellite voice communications system, but also the ability to receive
emergency text communications from anyone with an HT in the wilderness
via AO-27 (and any other FM voice or AX.25 satellite)

Since there will be multiple receiver sites all feeding their data
into the same worldwide distribution system, they can use fixed
antennas and fixed doppler and only concentrate on their optimum area of
the sky because:

  1) AO-27 is only on during the day, during North to South passes
  2) During the first third of the pass, the doppler is about +7 KHz
  3) During the first third of the pass, the satellite is NORTH

Thus, a fixed tuned receiver at 435.807 MHz (+7Khz) using only a 3
element UHF beam or Corner reflector pointed north will capture almost
HALF of the available passes. Higher gain is NOT desired since it would
not see passes to the northeast and northwest. Remember, your station is
only a small piece of a nationwide distributed listening network. The

geometry of the sky from your location where the doppler is between +6 and
+8 KHz extends from your northern horizon to almost 45 degrees. The
sector is a full 90 degrees wide from your NE to your NW.   No more than 3
elements should be used or the azimuth coverage would not be sufficient.
If you want to pick up an added 3 dB, then use a pair of stacked 3 element
vertical beams to narrow the vertical pattern while preserving the
horizontal width.   Other creative antennas aproaching 10 dB can be
designed for just this sector.

OPERATIONS: Any such UHF receiver configured as noted above, will
receive the downlink during all daytime passes. To link those
brief 0.2 second tone bursts from the THD7 users into the worldide
APRS internet system, all you must do is have a TNC with the MYALIAS
of RELAY listening on UHF and transmitting on 2 meters on 144.39.

VOICE INTERNET ACCESS: This is not my area of expertise, but I assume
that using "REAL-AUDIO" techniques, that creative WEB masters can
create WEB pages to capture and make available the brief 5 miunute
pass audio from these receiver to anyone in real time.

PLANS: I will begin work on such an AO-27 Monitoring receiver for
Maryland. Just looking at a USA map, if we had similar sites in
Atlanta, Chicago, Miami, Houston, Kansas CIty, Denver, LA and SFO,
then we would have quite a network, capable of capturing most passes.
Already you can monitor such live HT users via MIR on our automatic
MIR monitoring WEB page http://web.usna.navy.mil/~bruninga/mirex.html
This is a similar system to monitor the AO-27 downlink.

THD7 USERS: To enable the short tone burst at the end of your PTT
voice operations, set TRANSMIT to PTT, rate to 30 secs, PATH to RELAY.
Keep your STATUS text short or your data burst will be longer.
You can dial in any one of the 7 pre programmed COMMENTS, but please
avoid EMERGENCY unless its true. Uplink is on 145.85. The internal
TNC cannot operate cross band, so you will NOT be able to decode
any other stations you may hear on 435.800 + doppler. But everyone
else monitoring can.

If you do not have a THD7, you can add a Mic-Encoder to any HT
using either the original TAPR Mic-ENcoder or the new Mic-Lite.
See http://www.toad.net/~clement/mim2.htm

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

257. [htaprs] Looking for a Garmin GPS-30

From: Rosenberg.Eric@Orbcomm.COM
Date: Mon, 14 Jun 1999 11:38:24 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25936-1999.06.14-17.32.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm looking for a GPS-30...the self-contained GPS units that TAPR offered last
year (or was it the year before?)

If you have one you don't need or want, please let me know!

Thanks in advance.

Eric (W3DQ)
--
rosenberg.eric@orbcomm.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

258. [htaprs] THD7's via AO-27

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 14 Jun 1999 18:27:09 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25938-1999.06.14-17.34.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

By now you saw my posting about using the THD7 on AO-27. Here, I am NOT
trying to encourage APRS or packets on AO-27. That will cause us a lot of
grief. But it seems like the short Mic-E burst at the end of a successful
VOICE transmission might be handy, especially if it can be linked into the
rest of the APRS system.

So, Again, I suggest to keep your STATUS to VERY SHORT so that it doesnt
make the packet too long sounding. If you have not tried AO-27 with your
THD7, it is NOT as easy as MIR. YOu must have a few elements on UHF to
even hear the satellite. Therefore you must know where to point and when.

Tuesdays passes from North to south are approximately the following if you
have a handheld UHF beam to listen with:

```
PDT   MDT   CDT   EDT
...   ...   0953  1052   Notice that you only get 2 passes a day, since
0932  1031  1131  1231   AO27 is only turned on in daylight.  There are
1113  1212  1311  ...    two night passes also, but useless.  The first
1252                     pass will be fm NE to E and 2nd fm NW to West.
```

Next, you need a dual band GAIN Antenna if you want to both TRANSMIT and
RECEIVE. FOr initial playing, I suggest just ignore the transmitting
and listen to the fun on the downlink. 435.807 at the start, ending at
435.793. Unfortunately if you make this the data band so that you can
hear any other THD7 users, you will notice that once you put a frequency
in the DATA BAND, you cannot change it while the TNC is enabled. Best to
put 435.810, 805, 800, 795, and 790 in memories and I think that you can
change between memory channels with TNC enabled.

But again, for real AO-27 operations after we have the listening netowrk
established, you will have 2 meters be the data band and since the doppler
is small there, you just sit on 145.850, so it is no problem. Your voice
transmissions are tagged with your Mic-E posit so that fixed APRServe
gateway stations can capture you. There will not be many other THD7
users. Most will be using other dual band HT's probably...

de WB4APR, Bob

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259. [htaprs] GPS 3 map cd

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Mon, 14 Jun 1999 19:10:00 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25943-1999.06.14-18.16.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone have any data on the garmin format? Any chance of converting their
maps to/from winaprs?

Wes - kd4rdb@qsl.net
  http://www.qsl.net/kd4rdb

Where am I?
   http://map.aprs.net/kd4rdb-9
   http://map.aprs.net/kd4rdb-10

Hookt on fonix werkt fer me!

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260. [htaprs] THD7a - APRS - Total LockUp - Line Wrap Problem

From: "Bob Lovell" <kc0efc@amsat.org>
Date: Mon, 14 Jun 1999 20:29:10
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25955-1999.06.14-20.35.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone else experienced problems with either total lockup where 'no'
Key presses respond? Or where the "A" Freq. line turns into strange the
ansi character (alt + 133)? My serial # comfirms that I should have the
lastest firmware.

At first I thought possibly I ran the buffer full., but when on battery
alone., the only cure is to remove the battery.

Hope someone can shed some light on this. I called Kenwood only to be
steered here.

Bob

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261. [htaprs] Re: Map matching (O/T)

From: Phillip Clark <pbclark1@ibm.net>
Date: Mon, 14 Jun 1999 20:17:34 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-25956-1999.06.14-22.24.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't believe the Garmin III has map matching capability like the
StreetPilots.
                                                                    Phil
KD6SP

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262. [htaprs] Re: AO-27 Internet Monitor Gateways

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 14 Jun 1999 23:26:19 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
       htaprs@tapr.org
Message-ID: <LYR845-25961-1999.06.14-22.33.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In my earlier post, the AO-27 frequency is in error. I took it from the
table on page 13 of this months AMSAT journal as 435.800 +/- doppler. Ray
Soifer points out this is in error and the actual center frequency is
436.795, almost 1 MHZ higher.   So if you are going to listen for AO-27,
start at 436.803 and tune downards during the pass. Also, AO27 is only on
in the northern hemisphere and turns on somewhere over canada and turns
off 18 minutes later.   Uplink is still 145.850

I have heard that you can hear it briefly on a GOOD rubber duck but only
during the center of a close overhead pass and if you have the polarity
matched. Also note, that a lot of the time it sounds like mush, because
that is what it is hearing from all the QRM on the uplink.

 de WB4APR, Bob

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263. [htaprs] Re: TIC, TIC, TIC II

From: "Skip Westray" <n6iim@arrl.net>
Date: Mon, 14 Jun 1999 23:22:38
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25965-1999.06.14-23.29.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, now I have it too.
It just started this past weekend.
I have had and used the TH-D7A radio for more than 2 months with and
without the headset without the tic tic.
Now I have the tic tic at about 1-2 sec intervals.
I have tried different squelch levels and battery saving intervals.
Nothing changes it or makes it go away.

Has anyone come up with a solution yet?
Skip Westray N6IIM

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264. [htaprs] Re: THD7a - APRS - Total LockUp - Line Wrap Problem

From: n7qxo@juno.com
Date: Mon, 14 Jun 1999 22:06:47 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-25975-1999.06.15-00.18.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,

this sounds similar to Channel Display mode. Look on page 31 of the book
for more info. But to switch this mode off and on Press [A/B] +Power ON.

Ron Reeves
N7QXO

On Mon, 14 Jun 1999 20:29:10 "Bob Lovell" <kc0efc@amsat.org> writes:
>Has anyone else experienced problems with either total lockup where
>'no'
>Key presses respond? Or where the "A" Freq. line turns into strange
>the
>ansi character (alt + 133)? My serial # comfirms that I should have
>the
>lastest firmware.
>
>At first I thought possibly I ran the buffer full., but when on
>battery
>alone., the only cure is to remove the battery.
>
>Hope someone can shed some light on this. I called Kenwood only to be
>
>steered here.
>
>Bob
>

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265. [htaprs] Expanding AO-27 use [was: AO-27 Internet Monitor Gateways]

From: John Mock <kd6pag@qsl.net>
Date: 15 Jun 1999 00:59:07 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: Bob Bruninga <bruninga@nadn.navy.mil>
Message-ID: <LYR845-25982-1999.06.15-03.07.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Without commenting on the proposal in general, i have serious reservations
about such operations on weekends over North America. During such times,
AO-27 is often seriously overloaded and difficult even for experienced
operators to use. People are unavoidably stepping all over each other,
and picking out callsigns is difficult enough as it is. As a regular
operator on AO-27, i've heard numerous cases where i've heard station A
calling station B, and station B clearly should hear station A. They both
have good signals into the bird. But station B is unable to answer simply
due to congestion. I think adding comparatively loud, encoded data at the
end of transmission means fewer contacts can be made and more tranmissions
will have repeated. Repeating means two additional transmissions, one
requesting retransmission and a second to attempt to reply.

Under current conditions on transcontinental passes, no one expects to have
what an HF operator would consider a full exchange. We generally do just
enough to know we have actually made contact and there simply isn't time
or bandwidth for such formalisms. Indeed, the only operator i've heard who
routinely does full exchanges is XE2YVW. He's far enough south that the
bird is less congested, and the rest of us so much appreciate his roving
activities that space is left to complete such exchanges. He is also very
courteous and always does QSOs in order, so people respect that. Almost
everyone else is brief and informal for the purposes of conserving trans-

porder time.

So, at least until Septmber, when we hope to see two (or more) J-FM birds
launched, weekend FM transponder time is extremely tight much of the time.
Adding tones at the end means that fewer people will be able to complete
contacts and there will be more retransmissions. As it is, many operators
will not work AO-27 on weekends (if at all), due to this congestion.

So, whether or not putting additional or piggy-backed traffic to AO-27 is
appropriate on weekdays, or over other areas, i sincerely hope that such
operations are not recommended on weekend passes over North America at
this time.
                        Respectfully submitted,

                           -- KD6PAG

P.S. I think it's far more important to develop affordable means of
operating at 38.4 Kbps, now that we have two operational satellites with
that capability. This should be considered both for space and terrestrial
use, and having good test signals readily available, potentially several
times a day worldwide, should help speed development efforts. Although
technically more difficult to receive, 1 Mbps downlink is also now in
operation on our most recently launched amateur satellite and could be
the basis for more advanced terrestrial experimentation as well.

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266. [htaprs] Re: [aprssig] Re: AO-27 Internet Monitor Gateways

From: Stephan Greene <sgreene@patriot.net>
Date: Tue, 15 Jun 1999 09:25:53 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
        htaprs@tapr.org
Message-ID: <LYR845-25992-1999.06.15-08.33.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 14 Jun 1999, Bob Bruninga wrote:

> I have heard that you can hear it briefly on a GOOD rubber duck but only
> during the center of a close overhead pass and if you have the polarity

Correct. Ground-planes, j-poles, vertical dipoles, or simple turnstile
arrays will perform better, esp. with a preamp. Moderate gain yagis
really help, but require tracking (or if the pattern isn't too narrow,
just point it east or west angled about 20-30 deg up; I think Bob used
this trick on some of the Navy Microsat experiments a few years ago).

> matched. Also note, that a lot of the time it sounds like mush, because
> that is what it is hearing from all the QRM on the uplink.

Yep, think of it as a "double" on a terrestrial repeater on a continental
scale!

73 Steve KA1LM

Stephan A. Greene   sgreene@patriot.net
ka1lm@amsat.org   Amatuer KA1LM Grid FM18hx

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267. [htaprs] 19JUN99 Milford, Ohio Hamfest and APRS presentation.

From: NH7C@aol.com
Date: Tue, 15 Jun 1999 14:07:19 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26013-1999.06.15-13.14.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Milford, Ohio Hamfest and APRS presentation.

The Tri-State APRS Working Group (TAWG) will sponsor an APRS presentation at

the Milford, Ohio Hamfest on 19 JUN 99. The formal presentation will start at 9:30 AM EDT. There will be a TAWG lunch after the hamfest at a local restaurant.

This will be a great opportunity for people to learn more about APRS and to see some of the newest in APRS hardware and software. Come see the newest in portable APRS, the pocket APRS station. The pocket APRS station that will be demonstrated consists of a Palm Pilot 5, a Kenwood TH-D7A, and a Garmin II Plus, all in a small portable bag. Other APRS people will be bringing other APRS related items for "Show and Tell."

Make sure that you bring some disks to pick up the latest APRS software and maps for your station. There will be live APRS stations on site. A portable Wide digi will be on site, also.

The Milford Hamfest is located at the Live Oaks JVS, 5956 Buckwheat Road in Milford. The school is east of I-275, off of OHIO 28. GPS location aprox - 3911.75 N 08413.00W. The Milford club's repeater is on 147.345 (+)

Hope to see you there,

Sid, W8/NH7C
Chairman, Tri-State APRS Working Group
937.866.3911
NH7C@aol.com

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268. [htaprs] Re: THD7a - APRS - Total LockUp - Line Wrap Problem

From: John Sullivan <johns@quickturn.com>
Date: Tue, 15 Jun 1999 12:06:50 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26019-1999.06.15-14.13.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I experienced the lockup problem at the end of the first battery cycle when the battery voltage dropped below 6V while the radio was in APRS receive mode. It seemed to start a power-down sequence, but when the voltage increased, as the current load on the battery pack was reduced, it started the power-up sequence with the usual beep and greeting screen. This power cycling continued until I pulled the battery pack.

At the end of the second battery cycle, the radio powered down during a high-power beacon transmission. There was no lockup under these conditions, since the battery voltage recovered enough to operate the D7 in receive mode after it re-initialized itself.

I'm hoping the battery capacity will improve with a few more discharge cycles, but the battery management or lack of battery management in the radio is a major disappointment. It might be better with the 6V battery pack. The no-load voltage of the PB-39 after the lockup was about 5.5V. Much too low for a 9.6V battery.

I don't think you can assume the latest firmware based on the serial number, only that the firmware installed at the factory contains the fixes for the documented bugs in serial numbers 010xxxxx and below.

John
WD6BTP

> Date: Mon, 14 Jun 1999 20:29:10
> Subject: [htaprs] THD7a - APRS - Total LockUp - Line Wrap Problem
> To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
> From: "Bob Lovell" <kc0efc@amsat.org>
>
> Has anyone else experienced problems with either total lockup where 'no'
> Key presses respond? Or where the "A" Freq. line turns into strange the
> ansi character (alt + 133)? My serial # comfirms that I should have the
> lastest firmware.
>
> At first I thought possibly I ran the buffer full., but when on battery
> alone., the only cure is to remove the battery.
>
> Hope someone can shed some light on this. I called Kenwood only to be

> steered here.
>
> Bob

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269. [htaprs] TH-D7a - No response to 'any' key press

From: "Bob Lovell" <kc0efc@amsat.org>
Date: Tue, 15 Jun 1999 17:36:46
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26050-1999.06.15-17.43.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

While watching the THD7a screen during a MIR crossing I decided to check
the list to see if it had any stations enter in it. But when I tried to
exit I couldn't. I didn't get a response when I pressed the esc joy switch.
I then tried to power off., that too did not work. I ended up removing the
battery. Then all seem to go back to normal again once I powered the unit
on. Is anyone else experiencing this problem?

73'

Bob / KC0EFC

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270. [htaprs] Re: Mir quest

From: John Sullivan <johns@quickturn.com>
Date: Tue, 15 Jun 1999 15:39:52 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26051-1999.06.15-17.46.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Which manual are you looking at? I only have the the instruction
manual that came with the radio and is also available as a pdf file
from the Kenwood ftp site. The only mention of the status character in
that manual is in the table at the bottom of page 78 under the heading
"status". The footnote says that these characters appear for outgoing
messages.

In the case that I was writing about, the message was received from
the Mir repeater, but it was displayed as an outgoing message, as
shown by the right arrow and status indicator. I now think that the
error may have occurred because the message was received just as I was
trying to select a previously entered message to transmit. An incoming
message or position report, while traversing a menu, temporarily
displaces the menu display and can sometimes change the action
produced by the next keystroke or cursor movement.

The D7 manual is pretty good considering how many new features have
been included in the radio, but I still have a number of questions
that the manual does not answer. At the very least, I would like to
see the documentation file that is included with the PG-4W cable made
available for download on the Kenwood ftp site.

John
WD6BTP

> Date: Mon, 14 Jun 99 08:47:26 -0500
> From: Jon Ogden <jono@enteract.com>
> To: "John Sullivan" <johns@quickturn.com>
>
> >Does anyone know what a "B" means on the right of the first line of
> >the message display. The manual shows only "+", "*" or "." for that
> >location. It may just be an error caused by the radio resetting itself
> >when the battery voltage dropped.
>
>
> "B" stands for Bulletin. The manual mentions this.
>
> 73,

>
> Jon
> KE9NA

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271. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: "Bob Lovell" <kc0efc@amsat.org>
Date: Tue, 15 Jun 1999 17:49:3
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26058-1999.06.15-17.55.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have had my TH-D7a for almost a month. In that time I have had the HT
lockup. I've experienced several odd things but mainly when a lot of packet
activity is going on and you look at the list of how many stations are in
it., I can't exit out of the list function., or anything else. Not one
button works, not even the power on. I had to remove the battery to get it
to return to what I thought was normal on to have more problems with
'word-wrap' from one line to the next., and "A" frequencies were totally
unreadable. Only a under-case 'a' with a mark above it could be seen. I
finally did a 'full' reset and things returned to normal.

Hope you might be able to shed some light on this.

73'

Bob / KC0EFC

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272. [htaprs] Yay!! I think...

From: "Morris Hays" <mhays@snet.net>
Date: Tue, 15 Jun 1999 18:3:42
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26062-1999.06.15-18.10.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On two seperate passes of Mir today I got My Packet
back. My confusion revolves around the messages
received immediately afterward.
?? R0MIR
What do the question marks mean? I also got several
callsigns that also had question marks in front of them.
Of about 7 signs that I saw only one was placed onto
the "List".
VA3KSA-7
      Kevin's Back
      FN04GO   390mi
      N   44deg 36.18
      W 079deg 26.31
Did I realy hit MIR? Why didn't the other packets make it onto
the list if they were clean enough to decifer the callsign?
Very confused.
Morris Hays
KB1DZN

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273. [htaprs] Mac User needs help

From: "Morris Hays" <mhays@snet.net>
Date: Tue, 15 Jun 1999 18:18:22
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26071-1999.06.15-18.25.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are there cables (or pinouts to make them)
and applications that can be used on the Macintosh
to Up/Download memory channels and list or message
contents to/from the TH-D7a?
Morris Hays

KB1DZN

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

274. [htaprs] AO-27 Emergency Comms

From: "Morris Hays" <mhays@snet.net>
Date: Tue, 15 Jun 1999 19:1:24
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26078-1999.06.15-19.08.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Thus, not only do we have a self logging   <
>satellite voice communications system, but<
>also the ability to receive emergency text   <
>communications from anyone with an HT in <
>the wilderness via AO-27 (and any other FM<
>voice or AX.25 satellite)   <

 This sounds VERY interesting. I and a lot of
other Hang Glider pilots already use the TH-D7a
and a GPS units in tandem to beacon out
position for chase cars to follow us when we
fly cross country. Some pilots go out on
their own trying to reach goals over bleak
and uninhabited spanses. Incidents where
they become stranded are few but the
AO-27 used as a backup emergency position
channel is intriging. On the surface It would
seem emergency comms be available only
during certain times. I would love to hear
more about it. Please Email me more info
or steer me to where I can find out more.
Morris Hays
KB1DZN

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275. [htaprs] up and down the nevada hills

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Tue, 15 Jun 1999 18:59:18 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26090-1999.06.15-21.06.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

in case anyone wants to track....going to be on the thd-7 aprs from 5a
pacific all day heading to a remote xmitter site at beacon hill near
mesquite nevada ....don't know how far out i can hit the digi in ne las
vegas, but i will be out there

73
kd8s@skylink.net   find me on a map!   go to
http://maps.aprs.net/kd8s-9

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

276. [htaprs] RE: Yay!! I think...

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Wed, 16 Jun 1999 13:33:39 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26124-1999.06.16-06.41.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op dinsdag 15 juni 1999 20:04, heeft Morris Hays [SMTP:mhays@snet.net]
geschreven:
>   On two seperate passes of Mir today I got My Packet
> back. My confusion revolves around the messages
> received immediately afterward.
> ?? R0MIR
> What do the question marks mean? I also got several
> callsigns that also had question marks in front of them.
> Of about 7 signs that I saw only one was placed onto

> the "List".
> VA3KSA-7
>   Kevin's Back
>   FN04GO   390mi
>   N   44deg 36.18
>   W 079deg 26.31
> Did I realy hit MIR? Why didn't the other packets make it onto
> the list if they were clean enough to decifer the callsign?
> Very confused.
> Morris Hays
> KB1DZN
>
It seems you had more luck than me overhere in europe.
In 2 days and 6 passes, i only got 1 mypacket and no other aprs stations
I did got 2 ??r0mir on every pass and a ?? pe5yes (hi Christ)
It seems that these are unproto msg's in plain text (non aprs)
We got a lot of dm junk from station's that keep trying to connect r0mir-1
even if its connected to someone.

73 de Andre PE1RDW
http://www.pe1rdw.demon.nl

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

277. [htaprs] Re: Yay!! I think...

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 16 Jun 1999 08:19:13 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26129-1999.06.16-07.25.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

?? R0MIR or any other callsign means that the packet appeard to be a UI
packet, but then did not appear to be anything the THD7 recognized as an
APRS protocol.   You will see this a lot on MIR , since many stations are
not using APRS, but just UI frames...

bob
 On Tue, 15 Jun 1999, Morris Hays
wrote:

>   On two seperate passes of Mir today I got My Packet
> back. My confusion revolves around the messages
> received immediately afterward.
> ?? R0MIR
> What do the question marks mean? I also got several
> callsigns that also had question marks in front of them.
> Of about 7 signs that I saw only one was placed onto
> the "List".
> VA3KSA-7
>   Kevin's Back
>   FN04GO   390mi
>   N   44deg 36.18
>   W 079deg 26.31
> Did I realy hit MIR? Why didn't the other packets make it onto
> the list if they were clean enough to decifer the callsign?
> Very confused.
> Morris Hays
> KB1DZN
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

278. [htaprs] Possible D7 bug & a question.

From: Steve Jones <sdjones@sympatico.ca>
Date: Wed, 16 Jun 1999 10:57:59 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26137-1999.06.16-10.05.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think I uncovered a bug in the D7's firmware on the weekend.

The D7 will not resume scanning after it stops on a ctcss enabled frequency
if after the carrier (with proper ctcss) drops, a carrier without ctcss is
present on the frequency.

I was listening to our local repeater with ctcss enabled. The D7 stopped on
the repeater correctly and stayed there until the conversation was
finished. There was a distant repeater (without the proper ctcss) on the
same frequency and the D7 would not resume scanning. If I restarted the
scanning, it would briefly stop on the distant repeater but then continue
the scanning process.

Anybody else notice this one?

On to my question:

How can one tell externally if the D7 contains the latest firmware? My
serial# is 01000054 which indicates older firmware. I bought it about 2
months ago and the fellow at Kenwood Canada seemed to think that the store
I bought it from had shipped all their units back to Kenwood Canada for
upgrading. I could send it in and they would check it but it would take at
least a week. I am able to enter a comma into my status field of the aprs
menu. Is this a sufficient test for upgraded firmware?

Steve Jones <sdjones@sympatico.ca>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

279. [htaprs] Filters?

From: "Young, Mark J" <Mark.Young@PSS.Boeing.com>
Date: Wed, 16 Jun 1999 09:31:38 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26142-1999.06.16-11.39.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone built a filter circuit that works for the TH and reduces the interference problems when running off the car DC? I could be smart and buy the Kenwood one, but I want to incorporate the GPS in the same interface. Not that I need to run of the car at this time (short trips) but I have a vacation trip to Connecticut/Rhode Island in July and it thought it might be nice run APRS while tooling around. But I'm afraid the duty cycle will be much higher than my normal APRS use and will eat battery time if I don't use the car DC. There was a WEB page that had a schematic, but I'll be (insert favorite word) if I know when and where I found it.

73 de Mark AA7FY
mark.j.young@boeing.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

280. [htaprs] Re: Possible D7 bug & a question.

From: Jon Ogden <jono@enteract.com>
Date: Wed, 16 Jun 99 11:43:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26144-1999.06.16-11.44.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I was listening to our local repeater with ctcss enabled. The D7 stopped on
>the repeater correctly and stayed there until the conversation was
>finished. There was a distant repeater (without the proper ctcss) on the
>same frequency and the D7 would not resume scanning.

It appears that the D7 looks at receiver RSSI to determine scanning and
not on wether or not the squelch is opened for the user's listening

enjoyment. If there is a signal on frequency it stops whether you can
listen or not.

It's certainly one of those feature/bugs but perhaps not all that much of
a problem most of the time.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

281. [htaprs] Re: Filters?

From: Jon Ogden <jono@enteract.com>
Date: Wed, 16 Jun 99 11:45:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26147-1999.06.16-11.45.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I could be smart and buy the Kenwood one, but I want to incorporate the
>GPS in the same interface.

Buy the Kenwood cable. It works and is worth it. Use a Y-adapter to
split your cigarette lighter plug between the GPS and the D7A.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

282. [htaprs] Re: GPS/PC cables - Part 2

From: wdr@world.std.com (William D Ricker)
Date: Wed, 16 Jun 1999 12:00:16 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org (HT APRS list at TAPR)
Message-ID: <LYR845-26148-1999.06.16-11.46.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Hey Art!! Prepare heel of palm for a forehead slap ... bad design but
> its shared with signal ground.

Well now I think I've got my cable wired correctly ... thanks for
the useful websites and commentary all ... with the data
probe I can see the Kenwood TH-D7A sending received packets out it's
data-out wire ... but I don't see any data coming from the Garmin GPS
III+, nor does it respond to incoming waypoints. May need to remote

the GPS antenna to the window from the bench, but it doesn't work in
the field either.

I _have_ set both D7A & III+ to NMEA mode, both indicate
prefererence for 9600, so that's ok. (GPS has been in that mode
all along, even when connected to nothing or the power-data cable;
maybe I zapped the port with static?)

Do I need to select a specific 'hh mm ss.sss' mode for the GPS to
recognize D7A sentences and send 'em? Or do I have a dead NMEA port
on my GPS III+?

I'll proably try parts swapping with a known good Garmin/D7A setup a
friend has before I contact Garmin for repair quotes.

73,

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr   to those who own one."--A.J.Liebling

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

283. [htaprs] THD7 Signal Strength

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 16 Jun 1999 14:20:23 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: amsat-bb@amsat.org
Message-ID: <LYR845-26155-1999.06.16-13.27.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Doing this satellite stuff with the THD7, I decided to calibrate my
Signal Strength indicator. Here is the result, your mileage may vary:

	at 146 MHz		at 444 MHz		at 437 MHz	
SIGNAL	dBm	uv	dBm	uv	dBm	uv
*	-121	0.2	-120	0.22	-116	0.35
***	-117	0.32	-115	0.4	-112	0.56
****5	-113	0.5	-111	0.63	-107	1.0
****5*7	-110	0.7	-108	0.89	-104	1.41
****5*7*9	-105	1.3	-104	1.41	-100	2.24

Notice that it is a very good receiver for 2m and 440. I can copy packets
all the way down to -119 dbM which is quite good. Being optimized for
the USA 440 band, it does loose about 3 dB in the satellite band.
The narrower band European models have a different UHF filter, and do
have the full sensitivity over their narrower 430-439 MHz band.

de WB4APR, Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

284. [htaprs] Re: GPS/PC cables - Part 2

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Wed, 16 Jun 1999 14:22:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HT APRS list at TAPR" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26158-1999.06.16-13.29.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/16/99 12:00 PM, William D Ricker (wdr@world.std.com) passed this
wisdom:

>I _have_ set both D7A & III+ to NMEA mode, both indicate
>prefererence for 9600, so that's ok. (GPS has been in that mode
>all along, even when connected to nothing or the power-data cable;
>maybe I zapped the port with static?)

 GPS port on D7 is 4800, I thought that was pretty standard for GPS.

Brian B. Riley --> http://members.macconnect.com/~brianbr

```
 For PGP Keys  <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "ADMINISPHERE - The rarefied organizational layers beginning just
  above the rank and file. Decisions that fall from the adminisphere
  are often profoundly inappropriate or irrelevant to the problems
  they were designed to solve."



---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

285. [htaprs] Re: Filters?

```
From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Wed, 16 Jun 1999 14:27:52 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26159-1999.06.16-13.34.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/16/99 12:31 PM, Young, Mark J (Mark.Young@PSS.Boeing.com)  passed
this wisdom:

>Has anyone built a filter circuit that works for the TH and reduces the
>interference problems when running off the car DC?  I could be smart and
>buy the Kenwood one, but I want to incorporate the GPS in the same
>interface. Not that I need to run of the car at this time (short trips)
>but I have a vacation trip to Connecticut/Rhode Island in July and it
>thought it might be nice run APRS while tooling around. But I'm afraid the
>duty cycle will be much higher than my normal APRS use and will eat
>battery time if I don't use the car DC.  There was a WEB page that had a
>schematic, but I'll be (insert favorite word) if I know when and

 best bet would be to buy one of Rat Shacks filters and wire it up as you
like. They have a 20 amp rated version for about $19 and a 10 amp rated
version for about $12


Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys  <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "...and on the 7th day GOD turned off His MacIntosh"  Apple Wizards Jun98



---
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```

286. [htaprs] Re: THD7 Signal Strength

```
From: Jon Ogden <jono@enteract.com>
Date: Wed, 16 Jun 99 14:08:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26162-1999.06.16-14.09.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>SIGNAL       dBm   uv     dBm   uv   |    dBm   uv
>---------   ----  ----   ----  ----  |   ----  ----
>*           -121  0.2    -120  0.22  |   -116  0.35
>***         -117  0.32   -115  0.4   |   -112  0.56
>****5       -113  0.5    -111  0.63  |   -107  1.0
>****5*7     -110  0.7    -108  0.89  |   -104  1.41
>****5*7*9   -105  1.3    -104  1.41  |   -100  2.24
>
>Notice that it is a very good receiver for 2m and 440.  I can copy packets
>all the way down to -119 dbM which is quite good.

Then why can I NOT decode APRS packets from our terrestrial network that
are at your level of -113 dBm or higher???  Happens all the time.

73,

Jon
KE9NA


-------------------------------------------------------------------------
The Second Amendment is NOT about duck hunting!
```

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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287. [htaprs] D7A Sawtooth Filter Mod?

From: Dave Kaplan <dkaplan@steffeninc.com>
Date: Wed, 16 Jun 1999 14:08:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26166-1999.06.16-14.16.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A while back I remember reading that, if you did the mod to the D& you did
something bad to the filter. Someone had come up with a mod to the mod to
take care of that problem. I can't find that message. Could someone please
either resend it or point me in the right direction?

Dave
WB0WNX

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288. [htaprs] D7A Full Duplex?

From: Dave Kaplan <dkaplan@steffeninc.com>
Date: Wed, 16 Jun 1999 14:12:31 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26169-1999.06.16-14.19.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm having a problem running the D7 while airmobile. When I'm up at
altitude (between 25,000 & 30,000 ft) I hear so much that the D7 never
transmits since it is waiting for a clear channel. Use my old tracker (in a
50 cal ammo box) I would set the Duplex to full so it never cared it the
channel was clear, it would blind transmit every 5 minutes (I move 30 miles
in 5 minutes). Can I make the D7 do this?

Dave
WB0WNX

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

289. [htaprs] Re: THD7 Signal Strength

From: Steve Dimse <sdimse@netrox.net>
Date: Wed, 16 Jun 1999 15:16:16 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26171-1999.06.16-14.25.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/16/99 3:08 PM Jon Ogden (jono@enteract.com) wrote:

>Then why can I NOT decode APRS packets from our terrestrial network that
>are at your level of -113 dBm or higher??? Happens all the time.
>
>73,
>
>Jon
>KE9NA
>
I ran into a problem with my prototype unit not being able to decode
packets from a specific digipeater. I could hear other, further distant
digis fine, just not that particular one. The "bad" digi decoded just
fine on my mobile rig. I suspect the problem was modulation level,
because this digi sounded louder than the other transmitters on the
channel. Another example was during the Pic-E development, a timing error

was made by one of the authors. I discovered it when I couldn't decode
Pic-E packets with my D7, though a KPC was fine (later discovered that
the KPC-3 worked in hardware cd mode but not software mode). I suspect
that the D7's TNC is less forgiving of improper modulation than a
typical tnc. No, I have no proof, just these two anectdotes, and they are
worth about what you paid to hear them ;-)

Steve K4HG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

290. [htaprs] Re: Possible D7 bug & a question.

From: Steve Jones <sdjones@sympatico.ca>
Date: Wed, 16 Jun 1999 15:50:24 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26176-1999.06.16-14.54.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:43 AM 6/16/99 -0500, Jon Ogden wrote:
>
>It appears that the D7 looks at receiver RSSI to determine scanning and
>not on wether or not the squelch is opened for the user's listening
>enjoyment. If there is a signal on frequency it stops whether you can
>listen or not.

Mine does seem to bypass frequencies with activity but wrong tone. It just
won't resume scanning if there's carrier with wrong tone after stopping on
carrier with right tone.

My take on the manual was the same as yours, that the D7 would stop on all
activity irregardless of proper tone. It just wouldn't let you listen. I
was surprised when it kept scanning. It does briefly stop on
activity/wrong tone but seems to resume scanning. It's after the radio
does decode proper tone and stops that it won't resume scanning unless the
frequency is dead silent.
>
>It's certainly one of those feature/bugs but perhaps not all that much of
>a problem most of the time.

True but strange. It's almost like they fixed the scanning so it would not
stop on wrong pl but they forgot to fix the scan resume check.

Steve Jones <sdjones@sympatico.ca>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

291. [htaprs] Re: Possible D7 bug & a question.

From: Steve Jones <sdjones@sympatico.ca>
Date: Wed, 16 Jun 1999 15:57:44 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-26177-1999.06.16-15.04.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:26 PM 6/16/99 -0400, Brian B. Riley wrote:
>On 6/16/99 10:57 AM, Steve Jones (sdjones@sympatico.ca) passed this
>wisdom:
>
>>serial# is 01000054
>
>it is old firmware, new firmware is 011xxxxxx

But did Kenwood change the serial # on the back of your unit after the
firmware was upgraded?

The fellow at Kenwood said that he thought that my unit was returned for a
firmware upgrade before it was sold to me. The only sure way to tell was
to open it up and check the serial# on the chip. I was hoping for an
easier way to tell without opening it up.

Steve Jones <sdjones@sympatico.ca>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

292. [htaprs] Re: Possible D7 bug & a question.

From: John Ackermann <jra@febo.com>
Date: Wed, 16 Jun 1999 16:00:17 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-26178-1999.06.16-15.07.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For what it's worth, the little Alinco DJ-C5T acts the same way -- as Jon
says, I suspect that many HTs don't have a separate logic signal from the
CTCSS decoder feeding into the scan control circuit.

John N8UR
jra@febo.com

In message <LYR8368-26144-1999.06.16-11.44.47--jra#febo.com@lists.tapr.org>, Jo
n Ogden writes:
>>I was listening to our local repeater with ctcss enabled. The D7 stopped on
>>the repeater correctly and stayed there until the conversation was
>>finished. There was a distant repeater (without the proper ctcss) on the
>>same frequency and the D7 would not resume scanning.
>
>It appears that the D7 looks at receiver RSSI to determine scanning and
>not on wether or not the squelch is opened for the user's listening
>enjoyment. If there is a signal on frequency it stops whether you can
>listen or not.
>
>It's certainly one of those feature/bugs but perhaps not all that much of
>a problem most of the time.
>
>73,
>
>Jon
>KE9NA
>
>
>--
>The Second Amendment is NOT about duck hunting!
>
>
>Jon Ogden
>
>jono@enteract.com
>www.qsl.net/ke9na
>
>"A life lived in fear is a life half lived."
>
>
>---
>You are currently subscribed to htaprs as: jra@febo.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

293. [htaprs] Re: THD7 Signal Strength

From: John Ackermann <jra@febo.com>
Date: Wed, 16 Jun 1999 16:10:15 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-26179-1999.06.16-15.17.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm hoping in the next week or two to do some serious tests of the D7
to go on my "let's not forget layer-one" web page
(http://www.febo.com/layer-one/index.html). I plan to test the packet
probability of reception (a semi-standard method to determine modem
performance) and look at how well the unit handles over-deviated signals.
Since the TNC and radio are integrated, I can't tap into the audio stream
to do the full set of tests I'd like to, but I should be able to get some
useful information.

I'll post here when I have something to report.

73,
John N8UR
jra@febo.com
http://www.febo.com

In message <LYR8368-26171-1999.06.16-14.25.47--jra#febo.com@lists.tapr.org>, St
eve Dimse writes:
>On 6/16/99 3:08 PM Jon Ogden (jono@enteract.com) wrote:
>
>>Then why can I NOT decode APRS packets from our terrestrial network that
>>are at your level of -113 dBm or higher??? Happens all the time.
>>
>>73,
>>
>>Jon
>>KE9NA
>>
>I ran into a problem with my prototype unit not being able to decode
>packets from a specific digipeater. I could hear other, further distant
>digis fine, just not that particular one. The "bad" digi decoded just
>fine on my mobile rig. I suspect the problem was modulation level,
>because this digi sounded louder than the other transmitters on the
>channel. Another example was during the Pic-E development, a timing error
>was made by one of the authors. I discovered it when I couldn't decode
>Pic-E packets with my D7, though a KPC was fine (later discovered that
>the KPC-3 worked in hardware cd mode but not software mode). I suspect
>that the D7's TNC is less forgiving of improper modulation than a
>typical tnc. No, I have no proof, just these two anectdotes, and they are
>worth about what you paid to hear them ;-)
>
>Steve K4HG
>
>---
>You are currently subscribed to htaprs as: jra@febo.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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294. [htaprs] Re: THD7 Signal Strength

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 16 Jun 1999 16:35:30 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26184-1999.06.16-15.42.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Then why can I NOT decode APRS packets from our terrestrial network that
> are at your level of -113 dBm or higher??? Happens all the time.

I thought I already addressed that. On possibility is that the
transmitters in your area are not giveing good clean signals. My
experience is that 95% or more of all amateur packet tranmsmitters are
transmitting mostly garbage, over deviated unbalanced tones.

Secondly with the EWIDE,WIDE,WIDE natrue of APRS distributino, many
digipeaters are keing up at once and at the same time. The user thinks he
hears a packet, but in fact, he is hearing two simultaneously from 2
digip[eaters. The noise sounds like a packet, but even if it is full
scale, it can never be decoded...

Only proof is to look at them on the scope. If they look pure, with equal
level tones and not garbage, then I bet it will decode them all...
good luck...

bob

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295. [htaprs] ?? R0MIR on THD7

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 16 Jun 1999 16:36:20 -0400 (EDT)

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26185-1999.06.16-15.43.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Someone noted that they saw "?? R0MIR" on their THD7 but nothing else. I
just checked our MIREX Web page pass files and I see the problem. THe MIR
APRS bulletin is transmitted to the TOCALL of MIREX instead of APRS (or
CQ, or QST) so the THD7 is not decoding it. I have asked Doc Larsen to
fix the BEACON on MIR so that the THD7's will see it.

de WB4APR, Bob

MIREX live downlink http://web.usna.navy.mil/~bruninga/mirex.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

296. [htaprs] Re: D7A Full Duplex?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 16 Jun 1999 16:39:17 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26186-1999.06.16-15.46.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 16 Jun 1999, Dave Kaplan wrote:

> I'm having a problem running the D7 while airmobile. When I'm up at
> altitude (between 25,000 & 30,000 ft) I hear so much that the D7 never
> transmits since it is waiting for a clear channel. Use my old tracker (in a
> 50 cal ammo box) I would set the Duplex to full so it never cared it the
> channel was clear, it would blind transmit every 5 minutes (I move 30 miles
> in 5 minutes). Can I make the D7 do this?

Unfortunately not. One solution is to set it to PTT mode and then
remember to PTT every now and then. Or set a 555 timer to key the radio
via the external Mic jack on a schedule.

Thats all I can think of...

Or insert two back-to back diodes in series with your extrnal antenna.
THis should insert LOTS of attenuation for receive, but allow your
transmitter to be heard with no loss. Maybe that will quiet the receiver
enough to get a packet out now and then...

bob

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297. [htaprs] Re: GPS/PC cables - Part 2

From: Jim Baremore <k5qq@juno.com>
Date: Wed, 16 Jun 1999 14:51:50 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-26189-1999.06.16-15.59.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 16 Jun 1999 12:00:16 -0400 (EDT) wdr@world.std.com (William D
Ricker) writes:
>.... but I don't see any data coming from the Garmin GPS
>III+, nor does it respond to incoming waypoints. May need to remote
>the GPS antenna to the window from the bench, but it doesn't work in
>the field either.
>
>I _have_ set both D7A & III+ to NMEA mode, both indicate
>prefererence for 9600, so that's ok.

Hi Bill

I think you need to set the GPS to 4800 baud and all should be fine. I
don't know where you got to 9600 on the TH-D7 unless you confused that
with the 9600 Baud packet mode. I am using an old II+ and it's only
option is 4800 baud and that works like a champ.

Also, for the rest of the list who are aggravated by the TH-D7 sending a
0-0 position as soon as it turns on I do the following:
As soon as the unit turns on and I can see the frequency display, I turn
the dial so I go off frequency a few clicks and then I push the Position
button and wait until the TH-D7 starts displaying the correct GPS
position. Then I turn the dial back on 4.39 and the position reports I
send to the network are correct.   This eliminates all of the comments
from others about 'seeing me out in the middle of the ocean..."

Adios all

Jim Baremore K5QQ

_____
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Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

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298. [htaprs] Re: D7A Full Duplex?

From: Walter Dunckel <wdunckel@best.com>
Date: Tue, 19 Aug 1997 14:17:22 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26197-1999.06.16-16.27.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How about adjusting the squelch to the highest setting. That just might
do the trick.

Walter

Dave Kaplan wrote:
>
> I'm having a problem running the D7 while airmobile. When I'm up at
> altitude (between 25,000 & 30,000 ft) I hear so much that the D7 never
> transmits since it is waiting for a clear channel. Use my old tracker (in a
> 50 cal ammo box) I would set the Duplex to full so it never cared it the
> channel was clear, it would blind transmit every 5 minutes (I move 30 miles
> in 5 minutes). Can I make the D7 do this?
>
> Dave
> WB0WNX
>
> ---
> You are currently subscribed to htaprs as: wdunckel@best.com
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---
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299. [htaprs] Re: TH-D7A Questions - Possible Bugs???

From: Jon Ogden <jono@enteract.com>
Date: Wed, 16 Jun 1999 19:45:27 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26214-1999.06.16-19.51.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I have had my TH-D7a for almost a month. In that time I have had the HT
>lockup. I've experienced several odd things but mainly when a lot of packet
>activity is going on and you look at the list of how many stations are in
>it.,

Apparently, there IS a bug in the current firmware. The HT does lock up
sometimes when you have a LOT of packet activity. This happened to a lot
of people at Dayton which is where I think this was discovered. Perhaps
you have TONS of APRS traffic in your area. Mine is OK here in Chicago.
It was only under the tremendous packet load at Dayton that it gave me
problems.

Heck, I was in Southern California this week and there is TONS of traffic
there. No problems.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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300. [htaprs] Re: Mac User needs help

From: Jon Ogden <jono@enteract.com>
Date: Wed, 16 Jun 1999 19:46:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26215-1999.06.16-19.52.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Are there cables (or pinouts to make them)
>and applications that can be used on the Macintosh
>to Up/Download memory channels and list or message
>contents to/from the TH-D7a?
>Morris Hays
>KB1DZN

Making a cable is the easy part. I don't believe there is any software
written thought for the Mac.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

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301. [htaprs] Still trying to connect with Oscar -27

From: "Bob Lovell" <kc0efc@amsat.org>
Date: Wed, 16 Jun 1999 19:56:18
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26217-1999.06.16-20.03.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I still haven't been able to hear anything when trying to connect to
Oscar-27. I have the uplink as 145.850mhz and downlink as 436.800mhz. I
leave the squelch open on 436.800 and have a Comet SMA-3 1.2/1.7db gain
antenna.
Do I have the frequencies correct? I never here anything.

73'
Bob / KC0EFC

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302. [htaprs] Re: ?? R0MIR on THD7

From: "Morris Hays" <mhays@snet.net>
Date: Wed, 16 Jun 1999 20:26:39
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26220-1999.06.16-20.33.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for finding the answer to the ??R0MIR and nothing else
problem. As a newbie to Ham I want to thank you all for time
spent answering questions, especially mine :) and tell you I think
it's really great what's going on here.
I LOVE this Bulletin Board
KB1DZN

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303. [htaprs] Re: THD7 Signal Strength

From: Robbie Robertson <rrobertson@ameritech.net>
Date: Wed, 16 Jun 1999 20:31:27 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
amsat-bb@amsat.org
Message-ID: <LYR845-26222-1999.06.16-20.35.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob,

It was good to talk to you and I picked up some very good
tips from you I might add, thanks again..

However, I find it hard to believe what you say about the
packets received...

Are all the packets that are hitting half scale and beyond
but not being decoded are over-deviated transmitters? It
seems so when you listen carefully, 60-70 percent of all
packets have noise on thier signals, even though they are
reading high on the scale.. Curious...

73

Bob Bruninga wrote:
>
> Doing this satellite stuff with the THD7, I decided to calibrate my
> Signal Strength indicator. Here is the result, your mileage may vary:
>

	at 146 MHz		at 444 MHz		at 437 MHz	
SIGNAL	dBm	uv	dBm	uv	dBm	uv
---	---	---	---	---	---	---
*	-121	0.2	-120	0.22	-116	0.35
***	-117	0.32	-115	0.4	-112	0.56
****5	-113	0.5	-111	0.63	-107	1.0
****5*7	-110	0.7	-108	0.89	-104	1.41
****5*7*9	-105	1.3	-104	1.41	-100	2.24

> Notice that it is a very good receiver for 2m and 440. I can copy packets
> all the way down to -119 dbM which is quite good. Being optimized for
> the USA 440 band, it does loose about 3 dB in the satellite band.
> The narrower band European models have a different UHF filter, and do
> have the full sensitivity over their narrower 430-439 MHz band.
>
> de WB4APR, Bob
>
> ---
> You are currently subscribed to htaprs as: rrobertson@ameritech.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

Are we having fun yet?
Robbie - WA9INF
******* --... ...-- *******

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304. [htaprs] Re: THD7a - APRS - Total LockUp - Line Wrap Problem

From: Jon Ogden <jono@enteract.com>
Date: Wed, 16 Jun 1999 21:37:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26226-1999.06.16-21.43.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I'm hoping the battery capacity will improve with a few more discharge
>cycles, but the battery management or lack of battery management in
>the radio is a major disappointment. It might be better with the 6V
>battery pack. The no-load voltage of the PB-39 after the lockup was
>about 5.5V. Much too low for a 9.6V battery.

The HT goes into that shutdown/startup cycle whenever the battery is low.
 I find that if you hold the power button for a couple of seconds that it
usually works. However, sometimes removing the battery pack is the only
way. Annoying, but oh well.....

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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305. [htaprs] Re: TIC, TIC, TIC II

From: Jon Ogden <jono@enteract.com>
Date: Wed, 16 Jun 1999 21:38:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26227-1999.06.16-21.44.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Has anyone come up with a solution yet?

Nope. Never heard it except when the radio is waiting for valid NMEA
data from the GPS.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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306. [htaprs] TH-D7A Trip Report

From: Jon Ogden <jono@enteract.com>
Date: Wed, 16 Jun 1999 22:16:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26228-1999.06.16-22.22.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I am back from my travels this past week.

I was able to get into the network in Atlanta while at the airport

waiting for my connecting flight last Wednesday. Unfortunately, I didn't
have much time to try to jibber-jabber with anyone as I had a connection
to catch.

Then I was in Stuart, Florida on Wednesday night through Saturday
morning. There is NO APRS activity in Stuart. My hotel room was facing
the ocean and so I couldn't get out very well. No digis heard me and I
heard no other stations. I guess APRS isn't very popular along the
Intercoastal Waterway. It's dissapointing. Oh well..

It was back to Atlanta on Saturday, but I didn't have time to get on the
air due to tight connection.

Sunday I flew out to Anaheim, California. Had a rental car and got to
beacon with the HT from John Wayne Airport to my hotel. Then I set up my
laptop and ran APRS as much as I could when my HT's battery was charged.
There is LOTS of activity in so. Cal! Very heavy channel loading. I saw
WA6YLB's posits quite a bit and tried sending Byron a message but never
got an ACK back.

Sadly, the folks in CA didn't seem too friendly. I didn't get a single
message from anyone saying hello to me and I was on the air quite a bit.

Yesterday afternoon it was back to the airport with the HT in the car.

I'll tell you, the D7A is GREAT for traveling. It was easy to use and
such a minimal amount of hardware. What a blast even though I didn't
send messages between many folks. Such is life.

I look forward to more of it!

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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307. [htaprs] Re: TH-D7a - No response to 'any' key press

From: Ed Mulholland <ed_mulholland@yahoo.com>
Date: Thu, 17 Jun 1999 04:51:09 -0700 (PDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26263-1999.06.17-07.03.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Since day one...early serial #???

--- Bob Lovell <kc0efc@amsat.org> wrote:
> While watching the THD7a screen during a MIR
> crossing I decided to check
> the list to see if it had any stations enter in it.
> But when I tried to
> exit I couldn't. I didn't get a response when I
> pressed the esc joy switch.
> I then tried to power off., that too did not work. I
> ended up removing the
> battery. Then all seem to go back to normal again
> once I powered the unit
> on. Is anyone else experiencing this problem?
>
> 73'
>
> Bob / KC0EFC
>
>
>

> ---
> You are currently subscribed to htaprs as:
> ED_MULHOLLAND@YAHOO.COM
> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
>
>

_____
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

308. [htaprs] Re: GPS/PC cables - Part 2

From: wdr@world.std.com (William D Ricker)
Date: Thu, 17 Jun 1999 10:00:02 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-26268-1999.06.17-09.06.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> GPS port on D7 is 4800, I thought that was pretty standard for GPS.

Uh right ... Thanks! Lou told me to fix this a while ago, and again
yesterday when I sent the message, and I forgot I hadn't done it. It
took some work to get it (GPS III+) misconfigured for 9600 NMEA, and
it took some work getting it back. *sigh* Thanks all.

Now I AM getting a few APRS posits added as waypoints, but still not
getting MY POS updated from GPS. Turned off battery-saver on both
units, that may have helped getting posits over to GPS. But still
no joy on getting D7A updated.

Does anyone know if the GPS III+ sends NMEA during "Simulation"
mode? That would be much easier for bench testing!

My D7A is low-serial number; I thought the III+ was one of the few
GPSs it WOULD work correctly with, so I didn't worry about buying a
low-numbered TH-D7A, since I bought them together. Do I need to get
the firmware update anyway to have correct sentences for III+?

73 es tnx,

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr   to those who own one."--A.J.Liebling

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

309. [htaprs] Re: GPS/PC cables - Part 2

From: "Richard Fuller" <n0mn@email.msn.com>
Date: Thu, 17 Jun 1999 08:22:18 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-26279-1999.06.17-10.26.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have spent a little time out in the middle of the ocean myself, but I just
got in the habit of turning 'BEACON' off before turning the rig off and
turning it back on after the TH-D7 gets my position from the GPS.
  Rich N0MN
"High blood pressure is better than no blood pressure."

> As soon as the unit turns on and I can see the frequency display, I turn
> the dial so I go off frequency a few clicks and then I push the Position
> button and wait until the TH-D7 starts displaying the correct GPS
> position. Then I turn the dial back on 4.39 and the position reports I
> send to the network are correct.   This eliminates all of the comments
> from others about 'seeing me out in the middle of the ocean..."
>
> Adios all
>
> Jim Baremore K5QQ

>
>
> _____
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>
> ---
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> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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310. [htaprs] Re: GPS/PC cables - Part 2

From: Jon Ogden <jono@enteract.com>
Date: Thu, 17 Jun 99 10:36:09 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26281-1999.06.17-10.36.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I have spent a little time out in the middle of the ocean myself, but I just
>got in the habit of turning 'BEACON' off before turning the rig off and
>turning it back on after the TH-D7 gets my position from the GPS.

The ULTIMATE fix for this is for Kenwood to fix the software in the
radio. If the NMEA function is turned on but no valid data is being
received yet, then the position transmitted should be that in the
position menu and not 0,0. This is the best and most ultimate fix.

Are you listening, Kenwood?

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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311. [htaprs] Re: Still trying to connect with Oscar -27

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 17 Jun 1999 11:34:03 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26282-1999.06.17-10.40.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 16 Jun 1999, Bob Lovell wrote:

> I still haven't been able to hear anything when trying to connect to
> Oscar-27. I have the uplink as 145.850mhz and downlink as 436.800mhz. I
> leave the squelch open on 436.800 and have a Comet SMA-3 1.2/1.7db gain
> antenna.
> Do I have the frequencies correct? I never here anything.

Try at these times Today (Thurs)

  PDT   CDT   EDT

```
---- ----   ----
     1039   1139 NOW!
1018 1218   1318
1200 1400



---
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```

312. [htaprs] Re: GPS/PC cables - Part 2

From: wdr@world.std.com (William D Ricker)
Date: Thu, 17 Jun 1999 11:43:44 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-26284-1999.06.17-10.50.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
> Also, for the rest of the list who are aggravated by the TH-D7 sending a
> 0-0 position as soon as it turns on I do the following:
> As soon as the unit turns on and I can see the frequency display, I turn
> the dial so I go off frequency a few clicks and then I push the Position
> button and wait until the TH-D7 starts displaying the correct GPS

Turning D7's BCON off (via BCON or menu to Manual or PTT),
turning TX INHIBIT, or opening the squelch with either Monitor or
F-Squelch on should do the same while letting you receive -- unless it
queues the packet?

--
Bill Ricker  N1VUX  wdr@world.std.com  "The freedom of the press belongs
http://world.std.com/~wdr               to those who own one."--A.J.Liebling

---
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```

313. [htaprs] Re: THD7 Signal Strength

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 17 Jun 1999 12:07:25 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-26291-1999.06.17-11.15.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
On Wed, 16 Jun 1999, Robbie wrote:

> However, I find it hard to believe what you say about the
> packets received...
>
>  Are all the packets that are hitting half scale and beyond
> but not being decoded are over-deviated transmitters?  It
> seems so when you listen carefully, 60-70 percent of all
> packets have noise on thier signals, even though they are
> reading high on the scale.. Curious...

Sorry if it sounds like this is my pet pieve, but it IS! (grin).
Conventional Packet is the most abismal example of applicance operations
where people just plug and play.  As long as they can hit the local node,
(or digi), they never think once about setting proper modulation levels,
checking for excessive demphasis, or pre-emphasis.  They never notice the
fact that they are missing 10 to 20 dB of performance on weak signals,
because "it works with THIS, or it works with THAT".  What they dont know
is that it doesnt work with weak signals with any noise, because they are
just lucky it is working at all..

I have soap-boxed this crusade numerous times.  Just look at ANY packet
on a scope and you will find that MOST if not ALL are abismal.  THe
tones are not equal, they are overdeviated and clipped.  Yes, it works if
you have a strong enough signal, but it just isnt right and will not work
in the presence of any noise.  Thus, the need for dead-full-quieting
signals.  If the difference between the tones is more than 4-6 dB, then
many TNC's just wont decode it.

CONVERSLY, if the tones are balanced, and the modulation is not
overdeviated, then you will be amazed at how weak a signal can be decoded.
I hear packets from MIR that dont even register but one single LCD tick
mark on my THD7, but (if they are APRS) they are decoded just fine.
```

(MIR Transmitter seems well adjusted)

At the risk of being over zealous, I would bet that 90% if not more of
every packet transmitted on APRS is not a good, clean well adjusted
signal. (remeber, with conventional packet and RETRIES and ACKS forever,
nobody cared about weak signal performacne)...

Oh, it is very easy to tell. Just look at signals on a scope. Tones
should be pure sinewaves and the low and high tones should be equal in
amplitude (careful, your receiver may have improper de-emphasis).

 Soap Box off. <grin> bob

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314. [htaprs] FAQ

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Thu, 17 Jun 1999 12:25:40 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26297-1999.06.17-11.38.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been following this special interest group (SIG) since March 16, and
I learned a lot of undocumented features, technical information, and
procedures for the TH-D7. I was wondering if all this great information is
recorded somewhere in a FAQ or a Technical file somewhere?

Thanks to all the SIG contributors,

Daniel
VE3DCL

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315. [htaprs] Re: GPS/PC cables - Part 2

From: Jim Baremore <k5qq@juno.com>
Date: Thu, 17 Jun 1999 10:33:18 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-26309-1999.06.17-12.09.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That works, I usually don't remember to do that until I realize I turned
off the unit... Hi Hi...

Jim B

On Thu, 17 Jun 1999 08:22:18 -0700 "Richard Fuller" <n0mn@email.msn.com>
writes:
>I have spent a little time out in the middle of the ocean myself, but
>I just
>got in the habit of turning 'BEACON' off before turning the rig off
>and
>turning it back on after the TH-D7 gets my position from the GPS.
> Rich N0MN
>"High blood pressure is better than no blood pressure."
>
>> As soon as the unit turns on and I can see the frequency display, I
>turn
>> the dial so I go off frequency a few clicks and then I push the
>Position
>> button and wait until the TH-D7 starts displaying the correct GPS
>> position. Then I turn the dial back on 4.39 and the position
>reports I
>> send to the network are correct.   This eliminates all of the
>comments
>> from others about 'seeing me out in the middle of the ocean..."
>>

_____
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316. [htaprs] Re: GPS/PC cables - Part 2

From: Jim Baremore <k5qq@juno.com>
Date: Thu, 17 Jun 1999 10:57:24 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-26310-1999.06.17-12.09.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 17 Jun 1999 11:43:44 -0400 (EDT) wdr@world.std.com (William D Ricker) writes:
(My earlier comments)
>> Also, for the rest of the list who are aggravated by the TH-D7 >sending a
>> 0-0 position as soon as it turns on I do the following:
>> As soon as the unit turns on and I can see the frequency display, I >turn
>> the dial so I go off frequency a few clicks and then I push the >Position
>> button and wait until the TH-D7 starts displaying the correct GPS
>

>Turning D7's BCON off (via BCON or menu to Manual or PTT),
>turning TX INHIBIT, or opening the squelch with either Monitor or
>F-Squelch on should do the same while letting you receive -- unless
>it queues the packet?

Hi Bill

In theory your techniques should work. However my experience is the packets are sent almost as soon as the opening screen goes off and I don't think you would have time to go into the menu function and change it.

The squelch might do it but you can't hold the button down and also push the position button to see when the HT has aquired the GPS data.   Murhpy would have it that after you had held the squelch open for what you thought was a long enough time for the HT to aquire the position, it would in fact have been about one millisecond too little!!

Anyhow if I would think BEFORE I turned off the HT, I would turn off the NMEA option but i always think about that AFTER I have turned it off...

C U all later

Jim Baremore K5QQ

_____
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317. [htaprs] Re: GPS/PC cables - Part 2

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 17 Jun 1999 13:14:13 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26311-1999.06.17-12.21.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 17 Jun 1999, Jon Ogden wrote:

> The ULTIMATE fix for this is for Kenwood to fix the software in the
> radio. If the NMEA function is turned on but no valid data is being
> received yet, then the position transmitted should be that in the
> position menu and not 0,0. This is the best and most ultimate fix.
> Are you listening, Kenwood?

Wohaa... I have not been following this thread, but If the "problem" is that a 00 posit is being transmitted in the absence of valid NMEA data when NMEA is selected, then I would NOT want the above "fix". THis would cause everyone visitnig Dayton, for example, to show up in their HOME town

every time they turned on the radio... unitl they got a valid fix.

If the radio is in NMEA mode (expecting to be connected to a GPS), then it
is designed to send the APRS "null position" of 000/000. THis
means "I have no valid position info". Since the Mic-E format used by the
THD7 includes a POSIT encoded in EVERY packet (except messages), then
event to send just its status, it must include a posit. Therefore it
sends 000/000.

The 000/000 posit is NO problem, since ALL APRS software is supposed to
ignore all 000/000 posits.

COnversly, if the user wants to use his MYPOSIT, instead of GPS, then he
should turn NMEA off.

If this is not the problem being discussed, then let me know so I can go
crawl back under my rock... :-)

bob
de WB4APR

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318. [htaprs] Re: GPS/PC cables - Part 2

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 17 Jun 1999 13:31:18 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26315-1999.06.17-12.38.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 17 Jun 1999, William D Ricker wrote:

> > Also, for the rest of the list who are aggravated by the TH-D7 sending a
> > 0-0 position as soon as it turns on I do the following:

Why is this a problem?   This is the radio's way of showing that it is
expecting GPS data (its in NMEA mode) but it doesnt have a posit yet.
All APRS softare is supposed to ignore a 0/0 posit. Does the THD7 itself
not ignore the 0/0 posit of others?

Im not arguing here, just trying to understand the cause of concern..?

de WB4APR, Bob

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319. [htaprs] Re: GPS/PC cables - Part 2

From: wdr@world.std.com (William D Ricker)
Date: Thu, 17 Jun 1999 13:39:44 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-26316-1999.06.17-12.46.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > > Also, for the rest of the list who are aggravated by the TH-D7 sending a
> > > 0-0 position as soon as it turns on I do the following:

> Why is this a problem?   This is the radio's way of showing that it is
> expecting GPS data (its in NMEA mode) but it doesnt have a posit yet.
> All APRS softare is supposed to ignore a 0/0 posit. Does the THD7 itself
> not ignore the 0/0 posit of others?

I don't know whether the THD7 fails to ignore a 0/0 posit or if it
assumes a 0/0 posit for stations for which it has not received a posit,
or perhaps both ... but I see lots of stations at in supergrid JJ posit
0/0, a couple of which it pushed down to my GPS in the ocean.

If I'm correct in assuming it uses posit 0/0 for stations not yet
posited, if I turn position filter on, then it will ignore all information
from transmitting stations until they send their posits?

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr   to those who own one."--A.J.Liebling

---
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320. [htaprs] Re: GPS/PC cables - Part 2

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 17 Jun 1999 14:19:30 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-26323-1999.06.17-13.26.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > Why is this a problem? ...
> > All APRS softare is supposed to ignore a 0/0 posit.
>
> I don't know whether the THD7 fails to ignore a 0/0 posit or if it
> assumes a 0/0 posit for stations for which it has not received a posit,
> or perhaps both ... but I see lots of stations at in supergrid JJ posit
> 0/0, a couple of which it pushed down to my GPS in the ocean.

OK, now I understand. Again, this is not a problem. A 0/0 posit means no
posit by definition in APRS. But since the only list in the THD7 is the
POSIT list, then there is no choice but to display a 0/0 when it adds a
new station to the list (without a valid posit).

BUT I do see that it is a problem when the THd7 sends this out the NMEA
port to a GPS display. Yes, I agree, it should ignore this posit.

Are there any other APRS software versions that are "plotting" or
otherwise assuming a 0/0 posit is actually a posit at a LAT/LONG of 0/0?

Thanks, bob

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321. [htaprs] Software Control

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Thu, 17 Jun 1999 12:22:23 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26329-1999.06.17-14.28.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just purchased my TH-D7A and downloaded the Kenwood Software (MCP D7) and
made my own cable, however, I am not able to read the memory of my radio.
It gives me the timeout message.

Can someone tell me how to read and write the memory channels from the PC
to/from the D7A. Is there a help manual somewhere online since it is not in
this Beta version?

Thanks,

Herb, KB7UVC

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322. [htaprs] Re: GPS/PC cables - Part 2

From: Jon Ogden <jono@enteract.com>
Date: Thu, 17 Jun 99 15:15:59 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26333-1999.06.17-15.17.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Wohaa... I have not been following this thread, but If the "problem" is
>that a 00 posit is being transmitted in the absence of valid NMEA data

>when NMEA is selected, then I would NOT want the above "fix". THis would
>cause everyone visitnig Dayton, for example, to show up in their HOME town
>every time they turned on the radio... unitl they got a valid fix.

You've got the thread right. Ideally, I guess you would not want the
radio to transmit at ALL until valid data is there. So that is the best
fix then.
>
>If the radio is in NMEA mode (expecting to be connected to a GPS), then it
>is designed to send the APRS "null position" of 000/000. THis
>means "I have no valid position info". Since the Mic-E format used by the
>THD7 includes a POSIT encoded in EVERY packet (except messages), then
>event to send just its status, it must include a posit. Therefore it
>sends 000/000.
>

Then the radio shouldn't transmit until it has valid NMEA data coming in.
 Obviously it knows this since it beaps and then blips when good data is
received.

>The 000/000 posit is NO problem, since ALL APRS software is supposed to
>ignore all 000/000 posits.
>
Uh, Bob, talk to the Brothers Sproul. MacAPRS at least does NOT ignore
0,0 posits. Everyone who transmits them does show up in S9 land right by
the island of Sao Tome.

>COnversly, if the user wants to use his MYPOSIT, instead of GPS, then he
>should turn NMEA off.

Agreed.
>
>If this is not the problem being discussed, then let me know so I can go
>crawl back under my rock... :-)

No, stay out. Sunshine is good for the soul! :-)

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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323. [htaprs] Re: GPS/PC cables - Part 2

From: Jon Ogden <jono@enteract.com>
Date: Thu, 17 Jun 99 15:22:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26334-1999.06.17-15.23.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Does the THD7 itself
>not ignore the 0/0 posit of others?

No it receives them. And it puts those stations in the list. I think
the distance shows up as zero miles from your current position, but they
do show up.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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324. [htaprs] Re: GPS/PC cables - Part 2

From: Jon Ogden <jono@enteract.com>
Date: Thu, 17 Jun 99 15:24:24 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26335-1999.06.17-15.25.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>If I'm correct in assuming it uses posit 0/0 for stations not yet
>posited, if I turn position filter on, then it will ignore all information
>from transmitting stations until they send their posits?

If you turn it on, it will ignore or reject packets from all stations
with a position of 0,0. You can see that as it will show >P in the
bottom corner of the display when one comes in like that.

Of course if you are operating as a portable S9, you will see them come
in since 0,0 is very close to Sao Tome! :-)

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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325. [htaprs] Re: GPS/PC cables - Part 2

From: Jon Ogden <jono@enteract.com>
Date: Thu, 17 Jun 99 15:25:10 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26336-1999.06.17-15.25.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Are there any other APRS software versions that are "plotting" or
>otherwise assuming a 0/0 posit is actually a posit at a LAT/LONG of 0/0?

Yes, Mac and I would assume WinAPRS.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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326. [htaprs] THD7 to Garmin cable and programming cable

From: Dan Greathouse <dan@ncweb.com>
Date: Thu, 17 Jun 1999 15:40:11 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26339-1999.06.17-15.54.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just a note to let everyone know that I listed 2 cables on Ebay.com and they
are at good prices
 The first is a TH-D7 to Garmin item # 116724848
and the second is a Programming cable # 118692444
Both prices are below market and are ending soon- so if you need a cable
it may be an easy way to obtain one.

Just do a search on TH-D7 and they should be located.
Diane KC8EAM (wife of an APRSer)

____
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327. [htaprs] Re: [aprssig] Re: THD7 Signal Strength

From: "Lee H. Dahlen" <kd4tqz@charlotte.infi.net>
Date: Thu, 17 Jun 1999 17:15:03 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR APRS Special Interest Group" <aprssig@tapr.org>, <htaprs@tapr.org>
Message-ID: <LYR845-26342-1999.06.17-16.19.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the same problems decoding with a kpc-3. And have contemplated
sending it to the factory for adjustment.   Now here's a good addition on
the D-7. Don't subscribe to the ht list so someone please forward this..

When Operating My D-7 in the following manner: A= aprs and B= 2m voice.
I have found that the signal strength RECIEVED on the B side deteriorates to
less than half. Both on the meter and by listening. Is this due to the
Duplexer being overloaded?? or do I have a specific problem that needs
attention?? And yes the A-B switch is adfjusted accordingly.   My findings
in ENGLISH are :

If you run the d-7 2m 2m   the recieve is basically knocked out to static
and low meter level. (I am talking about when neither side is txmitting.)
I know this sounds very repetitive, but I am trying to avoid obvious
replies. In order to see this make sure you are using a repeater that is
not close by. (A distant station.)   Lemme know!

Lee/KD4TQZ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

328. [htaprs] Re: GPS/PC cables - Part 2

From: wdr@world.std.com (William D Ricker)
Date: Thu, 17 Jun 1999 17:22:58 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-26347-1999.06.17-16.29.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> OK, now I understand. Again, this is not a problem. A 0/0 posit means no
> posit by definition in APRS. But since the only list in the THD7 is the
> POSIT list, then there is no choice but to display a 0/0 when it adds a
> new station to the list (without a valid posit).

It could BLANK the position/distance/bearing/Grid instead of calculating
them from 0/0 as if valid. (It does skip range and bearing and
displays them as 0.0 and ^, but not BLANK. It calculates JJ00AA for
grid, which I'd rather have blank. More annoying, it uses the false
0/0 in Dynamic POS/MyPos to compute range and bearing rather blanking
them or using saved menu MyPosition until dynamic received.

> BUT I do see that it is a problem when the THd7 sends this out the NMEA
> port to a GPS display. Yes, I agree, it should ignore this posit.

Agree.

I got another imitation maritime mobile ... at first I assumed
somebody had wobbled his rocker in the wrong spot, since it's easy
to do on the D7, since he was beaconing S41 instead of N41. But
it's a Digi!   (I've emailed him privately.)

Got another packet that decoded the beginning and mangled the posit,
so it prints graphics in the Lat/Lon and gives Grid of TF98KA and
xxxxmi (overflow) ... for a local (FN42) station.

> Are there any other APRS software versions that are "plotting" or
> otherwise assuming a 0/0 posit is actually a posit at a LAT/LONG of 0/0?

I gather the assumption is that a Maritime Mobile in that stretch of
the world wouldn't want to or be able to keep station at 00 00.000 /
00 00.000 long enough for ignoring it to matter if by some miracle
he managed to cross the prime meridian and the equater simultaneously
within however many feet 0.001m is (< SA Radius!).

If APRS receives 0 0.0 / 0 0.0 in a proper NMEA sentence, is it also
supposed to ignore it, on the assumption that if he really means it
he'll either jitter under SA or wave action to something real soon
enough?

--
Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
http://world.std.com/~wdr   to those who own one."--A.J.Liebling

---
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329. [htaprs] Re: GPS/PC cables - Part 2

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 17 Jun 1999 17:36:32 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26350-1999.06.17-16.43.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 17 Jun 1999, Jon Ogden wrote:

> >Wohaa... I have not been following this thread, but If the "problem" is
> >that a 00 posit is being transmitted in the absence of valid NMEA data
> >when NMEA is selected, then I would NOT want the above "fix". THis would
> >cause everyone visitnig Dayton, for example, to show up in their HOME town
> >every time they turned on the radio... unitl they got a valid fix.
>
> You've got the thread right. Ideally, I guess you would not want the
> radio to transmit at ALL until valid data is there. So that is the best
> fix then.

I donno. I would just as soon hear that he is on the air and see his
status and Position comment as soon as he is on the air. This way I can
know he is there and I can start sending him traffic without having to
wait until he gets his GPS connected up. Or comes out of the house...

The 000/000 null posit only takes up THREE bytes in the Mic-E format.
I dont understand what the big objection is...

de WB4APR.

 > >

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> >is designed to send the APRS "null position" of 000/000. THis
> >means "I have no valid position info". Since the Mic-E format used by the
> >THD7 includes a POSIT encoded in EVERY packet (except messages), then
> >event to send just its status, it must include a posit. Therefore it
> >sends 000/000.
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> Then the radio shouldn't transmit until it has valid NMEA data coming in.
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> Uh, Bob, talk to the Brothers Sproul. MacAPRS at least does NOT ignore
> 0,0 posits. Everyone who transmits them does show up in S9 land right by
> the island of Sao Tome.
>
> >COnversly, if the user wants to use his MYPOSIT, instead of GPS, then he
> >should turn NMEA off.
>
> Agreed.
> >
> >If this is not the problem being discussed, then let me know so I can go
> >crawl back under my rock... :-)
>
> No, stay out. Sunshine is good for the soul! :-)
>
> 73,
>
> Jon
> KE9NA
>
>
>
> --
> The Second Amendment is NOT about duck hunting!
>
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
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330. [htaprs] Re: [aprssig] Re: THD7 Signal Strength

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 17 Jun 1999 17:46:11 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@tapr.org
Message-ID: <LYR845-26353-1999.06.17-16.53.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, by definition, when ever you split antenna signal to two receivers
you must loose 3 dB. Sounds exactly like what you are seeing...

bob

On Thu, 17 Jun 1999, Lee H. Dahlen wrote:

>

> I have the same problems decoding with a kpc-3. And have contemplated
> sending it to the factory for adjustment. Now here's a good addition on
> the D-7. Don't subscribe to the ht list so someone please forward this..
>
> When Operating My D-7 in the following manner: A= aprs and B= 2m voice.
> I have found that the signal strength RECIEVED on the B side deteriorates to
> less than half. Both on the meter and by listening. Is this due to the
> Duplexer being overloaded?? or do I have a specific problem that needs
> attention?? And yes the A-B switch is adfjusted accordingly. My findings
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> I know this sounds very repetitive, but I am trying to avoid obvious
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>
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>

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---
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331. [htaprs] Re: GPS/PC cables - Part 2

From: Jon Ogden <jono@enteract.com>
Date: Thu, 17 Jun 1999 22:07:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26371-1999.06.17-22.13.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The 000/000 null posit only takes up THREE bytes in the Mic-E format.
>I dont understand what the big objection is...

Fine. But Mac/Win APRS do not ignore the 0,0 posit. That's my big
objection.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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332. [htaprs] Re: THD7 Signal Strength

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Thu, 17 Jun 1999 23:40:31 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26404-1999.06.18-01.47.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nice soapbox! I've been looking for an excuse to add a scope to the shack
inventory... This discussion has tweaked my curiosity enough that I'm ready
to dig in and find out what kind of image my rigs are putting on the air.
:-)

Ed Braaten, K6EKB
mailto:k6ekb@arrl.net
http://home.sprynet.com/~ekb/

-----Original Message-----
From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
Sent: 17 June 1999 9:07
To: TAPR HT APRS Special Interest Group
Cc: TAPR APRS Special Interest Group; htaprs@tapr.org
Subject: [htaprs] Re: THD7 Signal Strength

On Wed, 16 Jun 1999, Robbie wrote:

> However, I find it hard to believe what you say about the
> packets received...
>
> Are all the packets that are hitting half scale and beyond
> but not being decoded are over-deviated transmitters? It
> seems so when you listen carefully, 60-70 percent of all
> packets have noise on thier signals, even though they are
> reading high on the scale.. Curious...

Sorry if it sounds like this is my pet pieve, but it IS! (grin).
Conventional Packet is the most abismal example of applicance operations
where people just plug and play. As long as they can hit the local node,
(or digi), they never think once about setting proper modulation levels,
checking for excessive demphasis, or pre-emphasis. They never notice the
fact that they are missing 10 to 20 dB of performance on weak signals,
because "it works with THIS, or it works with THAT". What they dont know
is that it doesnt work with weak signals with any noise, because they are
just lucky it is working at all..

I have soap-boxed this crusade numerous times. Just look at ANY packet
on a scope and you will find that MOST if not ALL are abismal. THe
tones are not equal, they are overdeviated and clipped. Yes, it works if
you have a strong enough signal, but it just isnt right and will not work
in the presence of any noise. Thus, the need for dead-full-quieting
signals. If the difference between the tones is more than 4-6 dB, then
many TNC's just wont decode it.

CONVERSLY, if the tones are balanced, and the modulation is not
overdeviated, then you will be amazed at how weak a signal can be decoded.
I hear packets from MIR that dont even register but one single LCD tick
mark on my THD7, but (if they are APRS) they are decoded just fine.
(MIR Transmitter seems well adjusted)

At the risk of being over zealous, I would bet that 90% if not more of
every packet transmitted on APRS is not a good, clean well adjusted
signal. (remeber, with conventional packet and RETRIES and ACKS forever,
nobody cared about weak signal performacne)...

Oh, it is very easy to tell. Just look at signals on a scope. Tones
should be pure sinewaves and the low and high tones should be equal in
amplitude (careful, your receiver may have improper de-emphasis).

 Soap Box off. <grin> bob

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333. [htaprs] Re: GPS/PC cables - Part 2

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Thu, 17 Jun 1999 23:51:42 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26405-1999.06.18-01.58.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't object to the 0/0 posit, but it is a bit annoying that the D7
includes these stations in the Position List - even when you have your POS
LIMIT turned on. Here in California there are a number of stations who
never set their position yet constantly beacon their position via the
WIDE's. I guess it is a matter of personal preference, but I'd like to see
a station with a null position be consider "infinitely far away" when the
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Ed Braaten, K6EKB
mailto:k6ekb@arrl.net
http://home.sprynet.com/~ekb/

-----Original Message-----
From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
Sent: 17 June 1999 14:37
To: TAPR HT APRS Special Interest Group
Cc: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: GPS/PC cables - Part 2

On Thu, 17 Jun 1999, Jon Ogden wrote:

> >Wohaa... I have not been following this thread, but If the "problem" is
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>
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> The Second Amendment is NOT about duck hunting!
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> jono@enteract.com
> www.qsl.net/ke9na
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APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

334. [htaprs] Re: THD7 Signal Strength

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 18 Jun 1999 09:53:10 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26435-1999.06.18-08.59.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great!
bob

On Thu, 17 Jun 1999, Braaten, Ed wrote:

>
> Nice soapbox! I've been looking for an excuse to add a scope to the shack
> inventory... This discussion has tweaked my curiosity enough that I'm ready
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> mailto:k6ekb@arrl.net
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>
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>
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> -----Original Message-----
> From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
> Sent: 17 June 1999 9:07
> To: TAPR HT APRS Special Interest Group
> Cc: TAPR APRS Special Interest Group; htaprs@tapr.org
> Subject: [htaprs] Re: THD7 Signal Strength
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335. [htaprs] Re: GPS/PC cables - Part 2

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 18 Jun 1999 09:53:49 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26436-1999.06.18-09.00.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good point. Ill put that on the list.

bob

On Thu, 17 Jun 1999, Braaten, Ed wrote:

> I don't object to the 0/0 posit, but it is a bit annoying that the D7
> includes these stations in the Position List - even when you have your POS
> LIMIT turned on. Here in California there are a number of stations who
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> Ed Braaten, K6EKB
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> Sent: 17 June 1999 14:37
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> > >
> > Uh, Bob, talk to the Brothers Sproul. MacAPRS at least does NOT ignore
> > 0,0 posits. Everyone who transmits them does show up in S9 land right by
> > the island of Sao Tome.
> >
> > >COnversly, if the user wants to use his MYPOSIT, instead of GPS, then he
> > >should turn NMEA off.
> >
> > Agreed.
> > >
> > >If this is not the problem being discussed, then let me know so I can go
> > >crawl back under my rock... :-)
> >
> > No, stay out. Sunshine is good for the soul! :-)

> >
> > 73,
> >
> > Jon
> > KE9NA
> >
> >
> >
> > --
> > The Second Amendment is NOT about duck hunting!
> >
> >
> > Jon Ogden
> >
> > jono@enteract.com
> > www.qsl.net/ke9na
> >
> > "A life lived in fear is a life half lived."
> >
> >
>
> APRSdos REPLY/COMMENT:
>
> Reply mail addr: wb4apr@amsat.org
> US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
> See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
> See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
> See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
>
>
> ---
> You are currently subscribed to htaprs as: k6ekb@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

336. [htaprs] RE: digi in S41

From: "Northup, Bill" <Bill_Northup@stratus.com>
Date: Fri, 18 Jun 1999 10:31:07 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26441-1999.06.18-09.44.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Subject: Re: GPS/PC cables - Part 2
> From: wdr@world.std.com (William D Ricker)
> Date: Thu, 17 Jun 1999 17:22:58 -0400 (EDT)
> X-Message-Number: 22
        .
        .
        I think Bill is talking about the same digi that I wrote about a few
weeks ago
        and got no response.

        It is a digi in Rhode Island that has a lower case "n" for north
rather than
        an upper case "N". On DOS-APRS this station shows up as north but on
        the D7 it always shows up as south, I think this one is a D7
software issue
        (unless the protocol spec says it must be upper case).

                Bill
>

> I got another imitation maritime mobile ... at first I assumed
> somebody had wobbled his rocker in the wrong spot, since it's easy
> to do on the D7, since he was beaconing S41 instead of N41. But
> it's a Digi!   (I've emailed him privately.)
>
> Got another packet that decoded the beginning and mangled the posit,
> so it prints graphics in the Lat/Lon and gives Grid of TF98KA and
> xxxxmi (overflow) ... for a local (FN42) station.
>
> > Are there any other APRS software versions that are "plotting" or
> > otherwise assuming a 0/0 posit is actually a posit at a LAT/LONG of 0/0?
>
> I gather the assumption is that a Maritime Mobile in that stretch of
> the world wouldn't want to or be able to keep station at 00 00.000 /
> 00 00.000 long enough for ignoring it to matter if by some miracle
> he managed to cross the prime meridian and the equater simultaneously
> within however many feet 0.001m is (< SA Radius!).
>
> If APRS receives 0 0.0 / 0 0.0 in a proper NMEA sentence, is it also
> supposed to ignore it, on the assumption that if he really means it
> he'll either jitter under SA or wave action to something real soon
> enough?
>
> --
> Bill Ricker N1VUX wdr@world.std.com "The freedom of the press belongs
> http://world.std.com/~wdr   to those who own
> one."--A.J.Liebling
>
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

337. [htaprs] Re: THD7 Signal Strength

From: Jon Ogden <jono@enteract.com>
Date: Fri, 18 Jun 99 10:07:42 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26444-1999.06.18-10.08.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> Nice soapbox! I've been looking for an excuse to add a scope to the shack
>> inventory... This discussion has tweaked my curiosity enough that I'm ready
>> to dig in and find out what kind of image my rigs are putting on the air.

Hey Bob,

To add to the discussion, I've been thinking more about all of this and
want to open Pandora's box some more. Here's the scoop:

1.) From my TH-D7A, I can copy my home station only when I am within say
10 miles or less. Unfortunately, since the D7A doesn't give path info, I
am not sure if I hear myself direct or through the relay (WD9BBE) I go
through (I live in a valley, hence the use of Bob's relay).

2.) When at home I see my station being re-transmitted by Bob, and then
by several other digis in the Chicago area, including the digipeater in
downtown Chicago.

3.) When at my office or in that area, I never decode posits from my home
station. So according to the "digipeater puts out crap" theory, perhaps
all the digipeaters are putting out crap. Well, could that be EVERY
digipeater? With a normal TNC I can hear at least two or three including
the one in downtown Chicago.

4.) Let's assume that the only one I can hear reliably is the digi in
downtown Chicago. Then by the "digipeater puts out crap" theory, this
explains why I can't decode packets from my home station. But there's a
problem then. I decode and copy other stations through this digipeater
just fine. So how do we explain this?

5.) Now let's expand it to the other digis I can hear. I do copy some
packets through them but not others. If the "digipeater puts out crap"
theory were the only explanation, then I wouldn't copy ANY packets from
those digipeaters. If I successfully copy one packet from any of them, I
should successfully copy ALL packets from them.

6.) Sure, there's the possibility that the stations I copy are direct.
Well, not likely. I don't know if I am likely to hear stations 25 to 35

miles away from me when I am on a mobile antenna. I can't prove this
since you don't get path info on the TH-D7A.

So, I am not sure I buy the "digipeater puts out crap" theory completely.
 I think the only way to be completely sure of what I am hearing and how
is to hook the computer up to the D7A and run the APRS software. Then I
can see what the D7's TNC decodes and what it doesn't.

Last question:

If my KPC-3+ can decode all these "digipeater puts out crap" packets
(which it can) and the TH-D7A cannot, then I would dare say the D7A's TNC
code is not near as robust. It should be relatively easy to fix it then
since you should be able to accomplish it in software. But if one TNC is
able to decode a signal it should be possible for any TNC to do that as
well.

Or is it just possible that as someone else suggested, the TNC in the
TH-D7A has difficulty with long packets. Given the WIDEn-n protocol and
call sign substitution, packet length can get long.

Just questions...........

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

338. [htaprs] FW: Software Control

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Fri, 18 Jun 1999 12:20:08 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26467-1999.06.18-14.26.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all that responded to my message. I got it to work.

The problem was that I had the Red and White wires reversed. Yes the manual
is correct just not written very clearly.

Thanks,

Herb
KB7UVC

> -----Original Message-----
> From: Herb Gerhardt, KB7UVC [mailto:gerhardt@hctc.com]
> Sent: Thursday, June 17, 1999 12:22 PM
> To: htaprs@lists.tapr.org
> Subject: Software Control
>
>
> I just purchased my TH-D7A and downloaded the Kenwood Software
> (MCP D7) and made my own cable, however, I am not able to read
> the memory of my radio. It gives me the timeout message.
>
> Can someone tell me how to read and write the memory channels
> from the PC to/from the D7A. Is there a help manual somewhere
> online since it is not in this Beta version?
>
> Thanks,
>

> Herb, KB7UVC

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339. [htaprs] TNC init w/ APRS+SA

From: "Keith Schlottman" <schlottk@mmsi.com>
Date: Fri, 18 Jun 1999 14:16:13 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26481-1999.06.18-16.22.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone set up a .TNC file for use with APRS+SA and the TH-D7A? If so
can you please e-mail it to
me.

Tnx de KR7RK

Keith D. Schlottman, CPA
Modular Mining Systems, Inc.
e-mail: <schlottk@mmsi.com>
corporate web site: <http://www.mmsi.com>

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340. [htaprs] Connection to Lowrance Globalmap 100

From: BiffCraine@aol.com
Date: Fri, 18 Jun 1999 18:14:29 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26494-1999.06.18-17.22.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am having trouble either with the cable connections or the settings on the
GPS. Can anyone give me a hand?

Biff
K4LAW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

341. [htaprs] Re: TNC init w/ APRS+SA

From: Robert Manak <rmanak@execpc.com>
Date: Wed, 16 Jun 1999 01:32:23 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26571-1999.06.19-09.23.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Initthd7.tnc file from DOS APRS appears to work fine.
73 bob
AA9JW

At 02:16 PM 6/18/99 -0700, you wrote:
>Has anyone set up a .TNC file for use with APRS+SA and the TH-D7A? If so
>can you please e-mail it to
>me.
>
>Tnx de KR7RK
>
>
>---
>Keith D. Schlottman, CPA
>Modular Mining Systems, Inc.
>e-mail: <schlottk@mmsi.com>
>corporate web site: <http://www.mmsi.com>
>---
>

>
>
>---
>You are currently subscribed to htaprs as: RMANAK@EXECPC.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
[Attachment: Initthd7.tnc; text/plain; 224 bytes]

342. [htaprs] Re: Connection to Lowrance Globalmap 100

From: Walter Dunckel <wdunckel@best.com>
Date: Sat, 19 Jun 1999 08:13:14 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26575-1999.06.19-10.26.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, try this....

http://www.best.com/~wdunckel/gps.htm

Walter

BiffCraine@aol.com wrote:
>
> I am having trouble either with the cable connections or the settings on the
> GPS. Can anyone give me a hand?
>
> Biff
> K4LAW
[Attachment: wdunckel.vcf; text/x-vcard; 123 bytes]

343. [htaprs] Re: FAQ

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 19 Jun 1999 11:06:44 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26576-1999.06.19-10.26.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Daniel L. wrote:

>I was wondering if all this great information is recorded somewhere in
>a FAQ or a Technical file somewhere?

     I am not trying to slight the many fellow APRS'ers who have written
lots of good web pages on APRS, but the two best sources for APRS infor-
mation (with links to many others) are The Northern Illinois APRS Net-
works "Questionable Web Page": http://www.dididahdahdidit.com and The
Kansas City APRS Working Group's http://kcaprs.org pages. Many of the
tidbits that have been collected over the years has been saved there or
they will point you in the right direction.

     Also of note is that many of TAPR's SIGs are archived and can be
searched from http://www.tapr.org .   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
      "The alien ship is moving toward the jumpgate." "How fast?"
      "Fast." "Be faster!"   - Delenn and Lennnier, Babylon 5

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

344. [htaprs] THD7E

From: "Dennis James" <denniswj@hunterlink.net.au>
Date: Sun, 20 Jun 1999 17:36:46 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26673-1999.06.20-02.44.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've just recetly bought the unit and am wondering why the information
entered by the computer when in TNC mode is not saved.

How can I get the unit to tx my pos as i have it entered in.

If anyone has an text file u send to tnc as an example would appreciate it.

Dennis
VK2DOR
Scone Australia QF57KX
mailto:denniswj@hunterlink.net.au

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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345. [htaprs] TH-D7a & Palm Hot-Sync Cable

From: Arte Booten <n2zrc@webspan.net>
Date: Sun, 20 Jun 1999 17:42:55 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26726-1999.06.20-16.51.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Okay, I got the Rat Shack "Hands-free extension cable" ... in fact, I got two ... one for the GPS port and another for the PC port of the D7a. I wanna hook up the Palm IIIx to the PC port but I only have the Modem cable right now ... which terminates in a male DB-25. Do I really need that humongous connector or can I use the Palm Hot-Sync cable which uses a DB-9? I will be wiring the mating end (a male DB-9) on the end of the other Rat Shack cable, so pinouts are open to whatever is neces-sary. So, what's necessary?

And can someone please confirm that the red wire from the RS cable goes to pin 2, the white wire to pin 3 and the shields to pin 5 of the DB-9 for the Garmin GPS cable? 73

```
_____________________________________________________________________
|Arte Booten  <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bu]       !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|_____________________________________________________________________|
      "The alien ship is moving toward the jumpgate."  "How fast?"
      "Fast."  "Be faster!"       - Delenn and Lennnier, Babylon 5
```

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346. [htaprs] APRS Field Day CALLSIGNS

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 20 Jun 1999 18:16:25 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26731-1999.06.20-17.24.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you know the callsign of anyone on the planet, then an APRS QSO is quite possible via the worldiwde APRS network. Without it, its just a stab in the dark.

To make things easier for Technology Field Day, I suggest that everyone use the SSID of -7 in the field.

Since most of us use -7 for the THD7 anyway, then, this already has a good chance of hitting someone outside in the field. Anyway, thats what mine will be. I see KC5GOI is building a list of FD calls. That is what triggerd this suggestion.

de WB4APR, Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

347. [htaprs] Kenwood HT's via AO-27

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 20 Jun 1999 18:25:07 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: aprsnews@tapr.org, htaprs@tapr.org
Message-ID: <LYR845-26735-1999.06.20-17.32.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earlier I had suggested enabling one's 0.3 sec APRS burst on the end of occassional voice transmission via AO-27. THen simple non-tracking, non-doppler downlink sites could capture these ID/POSITS over to live WEB links via the worldiwde APRS infrastructure.

Building such an automated ground station is nothing more than an $88 UHF HT in a water proof plastic box at the focal point of a 4 foot chicken wire corner reflector oriented towards your best coverage sector. Just tune the UHF receiver for doppler. North = 436.805, E/W = 436.800, and South = 436.795. Run any length speaker zip cord down to your existing APRS station and connect it to the TNC input. This completes your automated downlink gateway (assuming that someone is operating an APRS Igate in your area.)

As with anything, however, human nature and human error suggest that using these ID/POSIT bursts via AO-27 should be used with caution (and rarely on weekends!). Example, on my first transmission, I was appalled by how long the packet was. What should have been 0.3 seconds was in fact over a second! All packets from the THD7 contain your POSITION, COURSE, SPEED, and COMMENT encoded into only 9 bytes. But you can make the packet much longer if you aren't paying attention:

W4APR-7>LLLLLL:'OOOCSP$/Bob <= The ideal 0.3 sec burst

W4APR-7>LLLLLL,R0MIR:'OOOOCSP$/Bob

W4APR-7>LLLLLL,RELAY-0,WIDE-15,WIDE-15:'OOOCSP$/Bob

W4APR-7>LLLLLL,RELAY-0,WIDE-15,WIDE-15:'OOOCSP$/Bob using Kenwood in Baltimore

The first one is the desired burst. The second one had R0MIR left over from the last MIR pass, and the 3rd still had your terrestrial path left in it. The last one is just verbosity of zero benefit because the LAT/LONG already equals Baltimore and it has to be a Kenwood HT!
Again, I'm not suggesting routine use of the burst, but only when needed.

P.S. Until we get all of the USA covered (about 9 stations), some of you can add more receivers and other corner reflectors. Just parallel the receive audio to the single TNC. Due to doppler and antenna gain, only one receiver will have an open squelch at a time. In other words, three reeivers covering three 120 degree sectors would provide hemispherical coverage... for almost half of the USA!

de WB4APR, Bob

P.S. Due to paralleling the UHF downlink to your existing APRS TNC, there your APRS operations will be effectively lost while AO-27 is in view for about 5 minutes twice a day around noon. ALso, in busy areas, there is a good chance that an AO-27 packet might collide with a local packet and be lost. Fixes are to use a separate TNC or to use a COR relay on the UHF receiver to disable the APRS terrestrial audio during the 5 minute sector pass.

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348. [htaprs] Re: TH-D7a & Palm Hot-Sync Cable

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 20 Jun 1999 18:34:03 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26736-1999.06.20-17.41.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/20/99 5:42 PM, Arte Booten (n2zrc@webspan.net) passed this wisdom:

>Hi all,
>
> Okay, I got the Rat Shack "Hands-free extension cable" ... in fact,
>I got two ... one for the GPS port and another for the PC port of the

>D7a. I wanna hook up the Palm IIIx to the PC port but I only have the
>Modem cable right now ... which terminates in a male DB-25. Do I really
>need that humongous connector or can I use the Palm Hot-Sync cable which
>uses a DB-9? I will be wiring the mating end (a male DB-9) on the end
>of the other Rat Shack cable, so pinouts are open to whatever is neces-
>sary. So, what's necessary?
>
>   And can someone please confirm that the red wire from the RS cable
>goes to pin 2, the white wire to pin 3 and the shields to pin 5 of the

 It's simple Art ... whatever cobnnections you have to make it work with
the modem cable, pins 2 and 3 are reversed with the HotSynch cable.

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "For every action, there is an equal and opposite criticism."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

349. [htaprs] FD Calls

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 20 Jun 1999 18:54:01 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26741-1999.06.20-18.01.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thoughts and suggestions for FD:

1) Remember, the only way to get a CQ via a distant Igate is to send a
message to someone (or a permanent digipeater) in a target area. I
suggest DIGIs, because they are ALWAYS on the air. My FD site will be on
and off as we also do many Satellite passes with the THD7 HT. Also, since
LCD's look better out of sun, dont expect much operations until the
evening in my opinion..

Therefore we need someone to put together a list like this:

```
CALL      TYPE     IGATE    LOCATION
--------  -------  -------  ------------------
WB4APR-7  FD       AA3JY-2  Cpk Bay
K3ATI-12  TARGET   AA3JY-2  N-MD, SE-PA, S-NJ
....
```

For example, sending a message to K3ATI-12 will be seen by everyone in the
indicated region above. Others of you that know your area well, should
also suggest the BEST target Digi in your area that will hit the most FD
sites at one time. ALso, remember that an Igate must be nearby...

Do not send a packet to an Igate as a target, because, of course, it will
never get to RF! It will see it and ACK it!
I saw that KC5GOI is collecting callsigns but I been watching all day, and
have recevied no posit from him, so I dont know if here is here on the SIG
or just local in NJ?

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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350. [htaprs] fd digi in se va

From: "Darrell Sutton" <dsutton@visi.net>
Date: Sun, 20 Jun 1999 19:38:29 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26756-1999.06.20-18.43.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kf4hjw-9 is the best digi to send a messge to in se va
or wa4kxv-1 for the Va beach Norfolk area of va

Join The Virginia APRS List serve APRSVA@onelist.com

Darrell Sutton   KF4HJW Newport News ARES AEC ORS 145.23 442.90
144.39 APRS THD7a -2 KF4HJW-10 Digi in Toano Va.,KF4HJW IGATE Newport News
VA
145.73 Packet KF4HJW@ke4dv.#tide.va.usa.noam
Packet Net Tues at 8:15 local on KR4MA system in District 7 VA ARES
APRS Net Sundays 7:30pm in Tidewater VA. Visit WWW.APRS.NET

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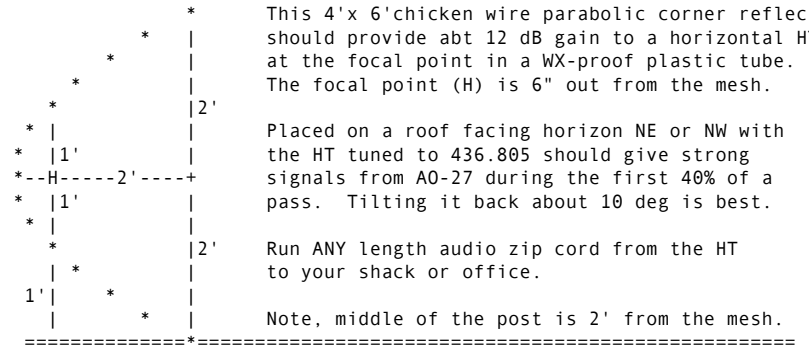
351. [htaprs] Re: [amsat-bb] Kenwood HT's via AO-27

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 20 Jun 1999 23:05:50 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: aprsnews@tapr.org, htaprs@tapr.org
Message-ID: <LYR845-26769-1999.06.20-22.14.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

AO-27 (or PACSAT) Fixed Receive SIte for $88 Alinco HT:


This 4'x 6'chicken wire parabolic corner reflectr
should provide abt 12 dB gain to a horizontal HT
at the focal point in a WX-proof plastic tube.
The focal point (H) is 6" out from the mesh.
2'
Placed on a roof facing horizon NE or NW with
1'
the HT tuned to 436.805 should give strong
H
2'
signals from AO-27 during the first 40% of a
1'
pass. Tilting it back about 10 deg is best.
Run ANY length audio zip cord from the HT
to your shack or office.
Note, middle of the post is 2' from the mesh.

Although this station will only hear 40% of one pass, it will only take
Nine or so similar stations across the USA all linked into the APRServe
system to capture everything heard on every pass over the USA! Key
factors influencing this crazy design are:

 * $88 Alinco HT's have integral flip-up antennas with no connectors
 * No coax, or Preamps are required. Cable run can be 100's of feet.
 * NE and NW directions favor all passes and horiz pol is best then.
 * All the gain is on the horizon with more than 90 deg of Azimuth
 * Do not flip this vertically, or the azimuth width will be too narrow.
 * Northern stations can do the same and point SE or SW and tune
   to 436.790 low doppler.

Note, hold your Kenwood THD7 HT at the focal point and connect its
internal TNC directly to your laptop and you can easliy see any of
the 9600 baud PACSAT links. (But they are more vertically polarized
so this might not work well since its hard to get the HT at the focal
point and be vertical.)

WARNING. I have not built this yet. If anyone wants to beat me to
it, go for it and report.

de WB4APR, Bob

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352. [htaprs] RE: TH-D7a & Palm Hot-Sync Cable

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 20 Jun 1999 20:37:12 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26771-1999.06.20-22.43.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I too bought 2 of the Radio Shack cables (P/N 43-2003), however, I have one
major problem. This cable is too flimsy and I am not able to solder it to
anything and have it hold.

I am trying to make a Garmin GPS cable using one of the Purple plugs. I
have given up trying to solder these frail leads to the Purple plug pins
directly. I then tried to bring out a #22 wire from the plug and then
solder splice it to the RS cable. I have tried this several times, but
every time by the time I finish tapping the splice, that frail little wire
has broken.

I intend to use these units for portable trackers during Search and Rescue
operations and need a fairly rugged cable.

Has anyone come up with a way of terminating this RS cable to a Garmin type
connector? If so, how did you do it? What are the tricks?

The TH-D7A is a sweet little radio. I really love it, but those small 2.5
mm plugs are a problem. Has anyone found a source for purchasing some 2.5
mm stereo plugs? Preferably with a cable already made up.

Any help would be appreciated.

Thanks,
Herb, KB7UVC
Mason County, Washington APRS Coordinator
NW APRS Group, West Sound Coordinator

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Arte Booten
> Sent: Sunday, June 20, 1999 2:43 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] TH-D7a & Palm Hot-Sync Cable
>
>
> Hi all,
>
>   Okay, I got the Rat Shack "Hands-free extension cable" ... in fact,
> I got two ... one for the GPS port and another for the PC port of the
> D7a. I wanna hook up the Palm IIIx to the PC port but I only have the
> Modem cable right now ... which terminates in a male DB-25. Do I really
> need that humongous connector or can I use the Palm Hot-Sync cable which
> uses a DB-9? I will be wiring the mating end (a male DB-9) on the end
> of the other Rat Shack cable, so pinouts are open to whatever is neces-
> sary. So, what's necessary?
>
>   And can someone please confirm that the red wire from the RS cable
> goes to pin 2, the white wire to pin 3 and the shields to pin 5 of the
> DB-9 for the Garmin GPS cable?   73
> ____
> |Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
> |PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
> |Riverdale, New York [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
> |Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
> |____|
>   "The alien ship is moving toward the jumpgate." "How fast?"
>   "Fast." "Be faster!"   - Delenn and Lennnier, Babylon 5
>
>
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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353. [htaprs] Re: [amsat-bb] Field Day and AO-27

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 20 Jun 1999 23:55:17 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: amsat-bb@AMSAT.Org, TAPR APRS Special Interest Group <aprssig@tapr.org>,
        aprsnews@tapr.org, htaprs@tapr.org
Message-ID: <LYR845-26776-1999.06.20-23.02.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Hey folks, if you're expecting to make your Field Day satellite contact
> on AO-27, you can just about forget it...

Hey!, Good point, BUT, AO-10 is just about as easy and is up for hours!

Field day is unique. Just prop a good size 2m Yagi on the ground against a post and connect your all mode 2m receiver and you can hear it. Connect your ARROW antenna to your UHF all mode rig and you can hit it! Or use an FM rig (with no mike) to send slow CW...

Forget AZ/EL rotators, remote control cables, pre-amps, coax switches, polarity switches, long coax, power amps, angle indicators, synchros, and alignment. You dont need ANY of that junk when you have a 6 foot coax and an armstrong rotator!

I just decided tonight that that is what I am going to do. I got lots of long yagis on the ground. None of my collection ever gets mounted on the roof... just too much trouble. But FD, is a snap.

In fact, for all this week, AO10 is almost straight up overhead. By the weekend it is down to about 20 degs here. But still above the trees at our location. What a joy that its still alive..

de WB4APR

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354. [htaprs] RE: TH-D7a & Palm Hot-Sync Cable

From: Robbie Robertson <rrobertson@ameritech.net>
Date: Sun, 20 Jun 1999 23:07:14 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26780-1999.06.20-23.12.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Herb..

I found the little 2.5mm stereo plugs at most of the hamfests so far since I bought my D7.. I even found the little barrel plugs for my own external batteries! I found a flat Dell 2500 mA/h that fits in my back pocket for Field Day operation that should last the 24 hours ;-)

Sometimes I found that Silver Solder with the small bottle of cleaner preps the little wires nicely. Good luck

73

Are we having fun yet?
Robbie - WA9INF
******* --... ...-- *******

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355. [htaprs] RE: TH-D7a Cable

From: Robert Winingham <kc5ejk@onramp.net>
Date: Mon, 21 Jun 1999 02:34:13 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-26805-1999.06.21-02.40.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I too bought 2 of the Radio Shack cables (P/N 43-2003), however, I have one
>major problem. This cable is too flimsy and I am not able to solder it to
>anything and have it hold.
>

visit the searchable www.tapr.org archive for this sig and
search under   Mouser

or visit the Mouser web site if they have one.

I have seen many post on this sig on where to get parts for the D7A.

There are several tricks to get a good connection with the **flimsy**
type headphone coiled cable. But the Mouser wire is pre-tined.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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356. [htaprs] Re: FD Calls

From: "Wes Johnston" <kd4rdb@bellsouth.net>
Date: Mon, 21 Jun 1999 07:32:52 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26821-1999.06.21-06.38.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

CALL   TYPE   IGATE   LOCATION
-------- ------- ------- ------------------

kd4rdb-7 FD kd4rdb-0 Savannah GA

Wes - kd4rdb@qsl.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

357. [htaprs] RE: TH-D7a Cable

From: Jon Ogden <jono@enteract.com>
Date: Mon, 21 Jun 99 10:09:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26841-1999.06.21-10.10.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>I too bought 2 of the Radio Shack cables (P/N 43-2003), however, I have one
>>major problem. This cable is too flimsy and I am not able to solder it to
>>anything and have it hold.

The RS cables will work. You just have to be very gentle with them. The
wire is difficult to solder cause it is wrapped with fiber to give it
strength. Try to unwind as much fiber as possible. Just keep trying and
with a little patience, you'll get it.

Now, if you can find better connectors/cable elsewhere go for it. The RS
one was convenient though.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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358. [htaprs] GPS Interference on TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Mon, 21 Jun 99 10:16:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26843-1999.06.21-10.17.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey all,

I was wondering if anyone has ever had the problem described below:

In my car I run my TH-D7A and a Garmin GPS-12XL. It has worked
swimmingly well. However, on Saturday, N3UYI, who was visiting Chicago,
and myself exchanged a couple of APRS messages and then decided to have a
voice QSO on a 2M repeater at 147.745 MHZ.

Upon turning to the frequency, I had a rather large amount of noise and
other crap on frequency. I figured it was due to the part of Chicago I
was in and all the 2M intermod around in that area. However, as I got
out of the city and continued my conversation with Steve (N3UYI), the
noise never went away. Finally after our QSO was over, I could still
hear it and it was as strong as ever.

Then I noticed that the buzzing seemed connected to the changing display
on the GPS-12XL. So as an experiment, I shut the GPS off. ALL noise
went away. When I turned the GPS back on, the noise came back.

So we definitely have a noise problem around 147.75 MHz with the
GPS-12XL. I notice no problem elsewhere in the 2M band and I haven't
tried any other radio/ht to see if it is particular to the TH-D7A.

Has anyone seen this before? Does the 12XL have a 147.75 MHz clock or
something around that?

Thanks es 73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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359. [htaprs] SMA connector

From: "Larry Bateman" <lbateman@preco.com>
Date: Mon, 21 Jun 1999 10:09:18 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26857-1999.06.21-11.15.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those looking for a way to hook an outside antenna to the TH-D7A there are a couple of connectors
available from Digi-key.
One is a right angle SMA connector, part number J484-ND cost $8.70. The other is a straight SMA
connector, part number J481-ND cost 15.83. Both are compatible with RG58/U coaxial cable.
Digi-key's catalogue can be downloaded as a PDF file at :

http://www.digi-key.com

73....Larry

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360. [htaprs] Re: SMA connector

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 21 Jun 1999 16:05:02 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26869-1999.06.21-15.11.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/21/99 12:09 PM, Larry Bateman (lbateman@preco.com) passed this
wisdom:

>One is a right angle SMA connector, part number J484-ND cost $8.70. The
>other is a straight SMA connector, part number J481-ND cost 15.83. Both
>are compatible with RG58/U coaxial cable.

 Thats hiway robbery, I paid $4.50 for brand new straight SMA-BNC
connectors from a regular dealer at a hamfest in February.

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "He's mad that trusts in the tameness of a wolf ... or a whore's oath."
    -- SHAKESPEARE, "King Lear," III, 6

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361. [htaprs] Re: SMA connector

From: "Larry Bateman" <lbateman@preco.com>
Date: Mon, 21 Jun 1999 14:19:53 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26872-1999.06.21-15.25.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian,

You are talking about an adaptor. These are connectors that go on the coax eliminating the big bulky adaptors that stress the jack on the radio. I agree, it is expensive. However, if you break the jack or radio housing it would be even more expensive. So my suggestion to you is:

      "Save a buck now and spend several times more down the road when you have to repair your radio"

73...Larry

>>> Brian B. Riley <brianbr@macconnect.com> 06/21/99 02:05PM >>>
On 6/21/99 12:09 PM, Larry Bateman (lbateman@preco.com) passed this
wisdom:

>One is a right angle SMA connector, part number J484-ND cost $8.70. The
>other is a straight SMA connector, part number J481-ND cost 15.83. Both
>are compatible with RG58/U coaxial cable.

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connectors from a regular dealer at a hamfest in February.

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "He's mad that trusts in the tameness of a wolf ... or a whore's oath."
    -- SHAKESPEARE, "King Lear," III, 6

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362. [htaprs] Re: SMA connector

From: Robert Winingham <kc5ejk@onramp.net>
Date: Mon, 21 Jun 1999 15:58:52 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26880-1999.06.21-16.05.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

SMA male to male adapter gold $3.00 Hamcom Dallas
SAM male to BNC female adapter $3.00 Hamcom Dallas

The BNC adapter gives the D7A antenna post the ability to use
my old connectors and antennas for the HTX-202. But it stands up
higher.

A SHORT coax with the SNA on one end and what you need on the other is better.

Radio shack does have as a special order the SMA to PL cable
I think it is for their alinco units.

Fry's parts

Connectors:

46-3101 SMA   MALE CRIMP for RG-59   1965212

46-3100 SMA   MALE CRIMP   RG-58A/141   1965201   1:295

46-3000 SMA   MALE SCREW ON RG-58A/141   1961322   1:295

Adapters:

46-3818 SMA FEMALE TO PL-259 FEMALE PART # ??

SMA female to N male   PART # ??
SMA female to N Female   PART # ??

$3.25 to $3.95 each   Caltronics

stereo plug for gps and computer :

$ 2.00 666pp 647798 2.5mm male phone plug three conductor 1:280

Spend $15 on a cheep headset with mic that has the 2.5 mm plug
and save having to build one.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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363. [htaprs] Re: SMA connector

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 21 Jun 1999 17:40:10 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26883-1999.06.21-16.47.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 6/21/99 4:19 PM, Larry Bateman (lbateman@preco.com) passed this
wisdom:

>You are talking about an adaptor. These are connectors that go on the coax
>eliminating the big bulky adaptors that stress the jack on the radio. I
>agree, it is expensive. However, if you break the jack or radio housing it
>would be even more expensive. So my suggestion to you is:
>
>   "Save a buck now and spend several times more down the road when you
>have to repair your radio"

 Its still outrageously expensive. I use the SMA-BNC adapter to a BNC
elbow and RG58 to my mobile 2 meter antenna just fine. an SMA connector
to RG8X woiuld be better. I am sure the conbnectors can be had for half
the price quoted.

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

        "When you find yourself on the side of the majority, it is

time to reform."   -- Mark Twain

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364. [htaprs] Sma connector

From: GPersons <railfan@flash.net>
Date: Mon, 21 Jun 1999 19:17:29 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26890-1999.06.21-19.24.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Both of you paid too much. I bought three of them at the recent Hamcom in
Arlington, Texas for $2.40 each. Unfortunately, when i got home I promptly
lost one of them!

73 Gary
KD5DAY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

365. [htaprs] Re: SMA connector

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Mon, 21 Jun 1999 20:28:09 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26893-1999.06.21-20.35.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The difference between a good SMA-BNC connector and
a cheap one is it's ability to maintain the impedance between
the transition. Those kind of connectors are not cheap. In
many cases, you are paying for quality if you are working with
a good RF dealer. Then again, maybe that is why they call this
hobby Amateur Radio.

73's,

Tim - N8DEU

-----Original Message-----
From: Brian B. Riley <brianbr@macconnect.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Monday, June 21, 1999 3:05 PM
Subject: [htaprs] Re: SMA connector

>On 6/21/99 12:09 PM, Larry Bateman (lbateman@preco.com) passed this
>wisdom:
>
>>One is a right angle SMA connector, part number J484-ND cost $8.70. The
>>other is a straight SMA connector, part number J481-ND cost 15.83. Both
>>are compatible with RG58/U coaxial cable.
>
> Thats hiway robbery, I paid $4.50 for brand new straight SMA-BNC
>connectors from a regular dealer at a hamfest in February.
>
>
>Brian B. Riley --> http://members.macconnect.com/~brianbr
> For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>
>
> "He's mad that trusts in the tameness of a wolf ... or a whore's oath."
>   -- SHAKESPEARE, "King Lear," III, 6
>
>
>
>---
>You are currently subscribed to htaprs as: tim_cunningham@mindspring.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

366. [htaprs] Garmin 45XL

From: "michael morgan" <michael.morgan@nashville.com>
Date: Mon, 21 Jun 1999 20:18:23 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26894-1999.06.21-20.47.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Trying to set up the D7 and the GPS alone. Wiring and radio settings appear to be correct but still get 0000 for position. Does anyone have the interface setting I need for the Garmin 45XL. It's the only think I can find questionable. I have it set on NMEA 0183 2.0, 4800 baud. But what is the other setting? The selection is NMEA/NMEA, GRMN/GRMN, and several others. There are also host setting under GRMN/GRMN. Thanks, Michael, KA4MDD

367. [htaprs] Re: GPS Interference on TH-D7A

From: John Vause <jdv@iglou.com>
Date: Tue, 22 Jun 1999 00:01:40 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-26914-1999.06.21-23.07.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's not just yours. My 12xl put out spurs on 147.220-147.250
147.275-147.290, 147.300-147.320, and 147.330-147.345.
I traded it for a 12CX (color model) and the 12cx puts out
a spur from 147.305 to 147.325 s9+.

73 to the SIG

Jon Ogden wrote:
>
> Hey all,
>
> I was wondering if anyone has ever had the problem described below:
>
> In my car I run my TH-D7A and a Garmin GPS-12XL. It has worked
> swimmingly well. However, on Saturday, N3UYI, who was visiting Chicago,
> and myself exchanged a couple of APRS messages and then decided to have a
> voice QSO on a 2M repeater at 147.745 MHZ.
>
> Upon turning to the frequency, I had a rather large amount of noise and
> other crap on frequency. I figured it was due to the part of Chicago I
> was in and all the 2M intermod around in that area. However, as I got
> out of the city and continued my conversation with Steve (N3UYI), the
> noise never went away. Finally after our QSO was over, I could still
> hear it and it was as strong as ever.
>
> Then I noticed that the buzzing seemed connected to the changing display
> on the GPS-12XL. So as an experiment, I shut the GPS off. ALL noise
> went away. When I turned the GPS back on, the noise came back.
>
> So we definitely have a noise problem around 147.75 MHz with the
> GPS-12XL. I notice no problem elsewhere in the 2M band and I haven't
> tried any other radio/ht to see if it is particular to the TH-D7A.
>
> Has anyone seen this before? Does the 12XL have a 147.75 MHz clock or
> something around that?
>
> Thanks es 73,
>
> Jon
> KE9NA
>
>
> ---
> The Second Amendment is NOT about duck hunting!
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
--
* John Vause KF4ERV jdv@igloudot.com *

NOTE: email address altered for benefit of Spambots
--

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

368. [htaprs] FD Sign up ?

From: "Steve Prior" <sprior@nfdc.net>
Date: Tue, 22 Jun 1999 06:06:04 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26941-1999.06.22-05.10.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Was there a place to sign up for the APRS part of FD - this was not part of the ARRL but sponsored by TAPR.
Any help is appreciated.
73
Steve
N3UYI

369. [htaprs] Couple of bucks

From: "Morris Hays" <mhays@snet.net>
Date: Tue, 22 Jun 1999 9:14:55
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26961-1999.06.22-09.21.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Considering how much we all paid for our HTs and
the importance of impedence matching I am a more
than a little suprised that the emphasis on
connectors was the price not the quality. I like
the idea of one connector, a right angle one at
that, to reduce stress to the post. Also, because
there is only one connector I can subtract the
cost of the second connector on the coax that is
no longer needed. I don't know why it costs more,
maybe the bend.
Does it come in gold? :)

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370. [htaprs] Re: GPS Interference

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Tue, 22 Jun 1999 09:42:03 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26973-1999.06.22-10.48.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Subject: GPS Interference on TH-D7A
> From: Jon Ogden <jono@enteract.com>
> Date: Mon, 21 Jun 99 10:16:20 -0500
>
> I was wondering if anyone has ever had the problem described below:
> [snip]
> So we definitely have a noise problem around 147.75 MHz with the
> GPS-12XL. I notice no problem elsewhere in the 2M band and I haven't
> tried any other radio/ht to see if it is particular to the TH-D7A.
>
> Jon
* KE9NA

Oh yes. My 12XL puts out noise that is synchronized with the state that the GPS is in (booting up, acquiring lock, updating the display, etc.) on 147.315, but not obviously anywhere else. I'm guessing it's a harmonic from something on the digital side, quite possibly associated with the single largest shielding "hole", the LCD display. This is on a unit with HW/FW rev 3.62 (24 hr battery life version but before the city database rev). Same goes for the GPS 35 of about the same vintage, around 1.5 years old. Neither I nor the 35 owner would have noticed the problem if it wasn't for a repeater on that frequency that we both liked to use.

The strength from mine is about S7 on an HT with rubber duck at 3 feet, S5 when the GPS is inside my vehicle and a rooftop gain antenna was used with my mobile. No noticeable noise radiation seems to come out of the Garmin remote amplified antenna or the Garmin power/data cable. If you have a remote GPS antenna you may be able to reduce the interference to negligible levels with suitable shielding around the GPS brick.

In the other direction, I've never noticed the GPS having any troubles from 2M operations even at 50W with the respective antennas being just 1 ft apart.

73,
Tony Arnerich KD7CEJ

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371. [htaprs] Re: GPS Interference

From: Jerry K9GD <jerry@k9gd.com>
Date: Tue, 22 Jun 1999 11:37:41 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26980-1999.06.22-11.45.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Interesting side note:

For the last 8 months or so..my GPS-20 didn't seem to work correctly.
Wasn't holding sats..and generally unreliable. So, I used my GPS-III in
the auto where the GPS20 was still active. I noticed the GPSIII refused to
acquire sats in the vehicle...when in the past it had no problems...this
went on for a while until I noticed that when I ran the GPSII outside the
vehicle...it would unlock when I neared the vehicle..within 3 feet.

To make a long story short, the GPS20 was putting "out" a signal that
attenuated the GPSIII when it was near the vehicle. I disconnected the
external antenna and the interference disappeared.

The GPS20 is currently at Garmin for a check up.

Best Regards,

Jerry K9GD
mailto:jerry@k9gd.com

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372. [htaprs] Re: Couple of bucks

From: Jon Ogden <jono@enteract.com>
Date: Tue, 22 Jun 1999 20:13:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27031-1999.06.22-20.20.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Considering how much we all paid for our HTs and
>the importance of impedence matching I am a more
>than a little suprised that the emphasis on
>connectors was the price not the quality. I like
>the idea of one connector, a right angle one at
>that, to reduce stress to the post. Also, because
>there is only one connector I can subtract the
>cost of the second connector on the coax that is
>no longer needed. I don't know why it costs more,
>maybe the bend.

SMA connectors vary widely in quality and performance. You'll pay a lot
more for an 18 GHz SMA than a 2 GHz SMA. How they are assembled to the
coax makes a difference to. Is it a slip on, a solderable center pin and
crimp to shield, a solderable center pin and clamp to shield, connector
material, etc.

>Does it come in gold? :)

Uh, yes. Many SMAs are literally gold plated. Others are nickel or even
stainless steel. Some are brass. Gold plated are the most expensive
while brass are the cheapest.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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373. [htaprs] Re: GPS Interference

From: robhanson@juno.com
Date: Tue, 22 Jun 1999 19:48:13 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, aprssig@lists.tapr.org
Message-ID: <LYR845-27048-1999.06.22-22.02.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I hate to start this again, I kept quiet as long as I could.

This is EXACTLY why GPS units are not allowed on airlines. The concern
is that an electronic device will generate interference with navigation
or communication equipment. Since this is my field, I can tell you first
hand that it does indeed happen. I have seen a combination of a GPS and
an inactive ELT produce a signal to cause interference on a third radio.

It is also common for multiple GPS installations to interfere with each
other.

At altitude, it is of little concern, but please, turn it off for takeoff
and landing.

73 ... Rob ... W6RH

On Tue, 22 Jun 1999 09:42:03 -0600 tarnerich@in-situ.com (Tony Arnerich)
writes:
>> Subject: GPS Interference on TH-D7A
>> From: Jon Ogden <jono@enteract.com>
>> Date: Mon, 21 Jun 99 10:16:20 -0500
>>
>> I was wondering if anyone has ever had the problem described below:
>> [snip]
>> So we definitely have a noise problem around 147.75 MHz with the=20
>> GPS-12XL. I notice no problem elsewhere in the 2M band and I
>haven't=20
>> tried any other radio/ht to see if it is particular to the TH-D7A.
>>
>> Jon
>* KE9NA
>
>Oh yes. My 12XL puts out noise that is synchronized with the state
>that =
>the GPS is in (booting up, acquiring lock, updating the display, etc.)
>=
>on 147.315, but not obviously anywhere else. I'm guessing it's a =
>harmonic from something on the digital side, quite possibly associated
>=
>with the single largest shielding "hole", the LCD display.

snip

. Neither I nor the 35 owner would have noticed
>the problem if it wasn't for a repeater on that frequency that we both
>liked to use.
>
>The strength from mine is about S7 on an HT with rubber duck at 3
>feet, =

_____
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374. [htaprs] VHF AIP

From: Jon Ogden <jono@enteract.com>
Date: Wed, 23 Jun 99 11:43:41 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27113-1999.06.23-11.44.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey guys,

Just in case you didn't know: Turn VHF AIP off unless absolutely
necessary. Last night I played with it and saw a difference of 3 bars on
the S-meter between when it was on and off. I suspected that the way
intermod protection was introduced was by attenuating the signal into the
mixer. So it seems. You'll get better 2m sensitivity with AIP off. Of
course if you are plagued by IM in your area, turn it on. It's
interesting that the manual doesn't mention the loss of sensitivity!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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375. [htaprs] THD7 Satellite Points @ FD!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 23 Jun 1999 14:00:33 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27122-1999.06.23-13.07.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I sent this to AMSAT. I will copy the result back to the HTAPRS list.
But wanted to make sure you took your HT to FD and a copy of your favorite
tracking program so you can collect 9 satellites worth of downlink...!

---------- Forwarded message ----------
Date: Wed, 23 Jun 1999 13:52:40 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: Robert Bruninga <bruninga@arctic.nadn.navy.mil>
Cc: amsat-bb@AMSAT.Org
Subject: Re: [amsat-bb] Field Day

HELP!

There will be hundreds of NEWBEES trying Satellites at FD this year:

  1) Operating a rig at a table and a handheld antenna trivializes the
     entire station.
  2) The Kenwood THD7 HT can receive 9 satellites with nothing but a 3
     element UHF beam or rubber duck in front of a piece of chicken wire.

We newbees need a definitive list of what satellites are in what modes.
I know it is published in a variety of places, but many show many modes.
We need a "regular" to give us newbees a definitive LIST for this
weekend. Here is what I have gleaned from the literature, but I am
unsure of the RS13 and all the new birds modes...

SAT	UPlink	DWNlink	MODE	KENWOOD RCV	KENWOOD XMT
AO10	435.03-435.18	145.81-145.98	SSB		
AO27	145.85 FM	436.800 FM		YES	YES!

```
FO20 435.795 SSB    145.90-146.00 SSB
FO29 435.795 SSB    145.90-146.00 SSB
RS13 ??             ??                          ??  ??
RS15 145.86-145.90  29.354-29.394 SSB
AO16 2m PACSAT      437.051       9600 FSK      YES
UO22 2m PACSAT      435.120       9600 FSK      YES
TO31 2m PACSAT      436.925       9600 FSK      YES
GO32 2m PACSAT      435.325       9600 FSK      TES
SO33 2m PACSAT      437.850??     9600 FSK      YES
SO35 2m PACSAT      436.300       9600 AFSK ???  YES
UO36 2m PACSAT      437.400       9600 FSK      YES

LO19 2m 1200 baud   437.153       1200 PSK      detect carrier
IO26 2m 1200 baud   ?
SO35 2m 1200 baud   436.300       1200 PSK ???  detect carrier

MIR  145.985        145.985       AFSK          YES YES!

Can someone clean up this list and repost.  Thanks.

bob



---
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```

376. [htaprs] Easy Sats for FD (LIST)

```
From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 24 Jun 1999 16:45:14 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
        htaprs@tapr.org
Message-ID: <LYR845-27366-1999.06.24-15.53.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Easy Sats:
Based on feed back from my first posting, here is the list of what
satellites are in what modes for FD.  Notice that 9 can be received with
just the Kenwood HT and so there will be lots of newbees on this weekend
                                                KENWOOD
SAT  UPlink           DWNlink       MODE        RCV XMT
---- -------------    ------------- ----------  --- ---
AO10 435.03-435.18    145.81-145.98 SSB
AO27 145.85 FM        436.800 FM                YES YES!
FO20 145.90-146.00    435.80-435.90 SSB
FO29 145.90-146.00    435.80-435.90 SSB
RS13 145.96-146.00    29.46-29.50   SSB
RS15 145.86-145.90    29.354-29.394 SSB

UO11 none             145.825       1200 AFSK   Hear it
UO22 145.90,975       435.120       9600 FSK    YES
KO25 145.890          436.500       9600 FSK    YES
TO31 145.925,975      436.925       9600 FSK    YES     Images
GO32 145.85,89,93     435.225       9600 FSK    YES     No users
SO33 145.915,975      437.910       9600 FSK    YES     No users
SO35 145.825,85,90,95 436.300       9600 AFSK ???  YES     No users
UO36                  437.025/.400  9600 FSK    YES     No users

AO16 145.90,92,94,96  437.051       1200 PSK    detect carrier
LO19 145.84,86,88,90  437.153       1200 PSK    detect carrier
SO35 145.825,85,90,95 436.300       1200 PSK ???  detect carrier

MIR  145.985          145.985       AFSK        YES YES!

Note, the table on page 13 of the May/June issue of AMSAT Journal has at
least 3 errors.

de WB4APR, Bob



---
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```

377. [htaprs] spur on 144.39 on D7 ????

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 24 Jun 1999 20:56:53 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga, WB4APR" <bruninga@nadn.navy.mil>
Message-ID: <LYR845-27401-1999.06.24-20.04.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had an interesting experience tis afternoon. I have been real busy
here since the flurry of MIR/D7 activity and haven't had much chance to
play with my D7. two nites ago when I installed the new KPC-3+ for the
KA2BQE-3 APRS digi, I reprogrammed the path to RELAY and then changed it
to RELAY,WIDE to tes the new setup with the KPC3 ... anyway just before I
shut down I chnaged the path to RELAY,WIDE,WIDE . Today while walkking
around the woods (2 and half weeks befor summer school starts, I _am_
enjoying my freedom!) I popped up the D7 and was playing with it a bit,
but lo and behold there was soem real seriosu noise on 144.39 that would
not let it transmitt. I tried tightening the squelch to no vaila, bu then
noticed that the sound/interference went away when I shut down the TNC.
I pondered and pondered the events that had transpired between last
successful use and now and the only thing that I came up with was the
path chnage. So I changed the pat to RELAY,WIDE,WIDE,WIDE and the
problem went away ... one of dem thingies dats makes ya go
hmmmmmmmmmmmmmmmmmm!!!!

  Anyone have an ideas????

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

   "I will have the most ethical administration in history."
       -- Bill Clinton, Nov. 1992

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378. [htaprs] Re: spur on 144.39 on D7 ????

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Thu, 24 Jun 1999 20:11:40 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27403-1999.06.24-20.20.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> So I changed the pat to RELAY,WIDE,WIDE,WIDE and the
> problem went away ... one of dem thingies dats makes ya go
> hmmmmmmmmmmmmmmmmmm!!!!
>
>   Anyone have an ideas????

You can change the radiation of a micro by changing the data it's operating
on.
It must be rescanning that data very often, or the length of the data causes
some other routine to change it's rate of operation.. It's a bit wierd all
right.

>   "I will have the most ethical administration in history."
>   -- Bill Clinton, Nov. 1992

Indeed, maybe he meant scientology ethics? (If you're upstat anything goes)

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379. [htaprs] THD7 vai MIR

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 25 Jun 1999 13:24:42 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27537-1999.06.25-12.32.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just in time for FD, MIR Packet system is broke somehow since yesterday..
I heard it last 3 passes today, and the packet system is KEYING the PTT,
but there is no packet tones. Bummer... Hope they figure it out by
tomorr\ow!

bob

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380. [htaprs] MIR's on SSTV (now)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 26 Jun 1999 10:07:41 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27639-1999.06.26-09.15.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just heard a pass at 1000 EDT and MIR was on SSTV, not packet. So instead
of your THD7, be ready with your VCH1, or laptop running W95SSTV.
Listen on 145.985.

Since they go to bed about 1400 EDT, there is a chance that the mode may
change after that, I have no clue...

Good luck in the contest.
bob

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381. [htaprs] th-d7

From: "r bratberg" <rb95403@aol.com>
Date: Sat, 26 Jun 1999 14:14:37
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27653-1999.06.26-14.21.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sirs:

If you have a second, I have questions about the th-d7.

As to APRS message, how do you delete stored messages?

Occasionally, I can't transmit the message list. Any suggestions?

There appears to be a "5 minute" timer that limits transmit of messages.
How is this accessed/disabled?

Thanks for any help!!

73 Bob KE6TIV

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382. [htaprs] Message delete

From: RB95403@aol.com
Date: Sat, 26 Jun 1999 15:13:01 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27654-1999.06.26-14.22.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sirs:

If you have a second, I have questions about the th-d7.

As to APRS message, how do you delete stored messages?

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Thanks for any help!!

73 Bob KE6TIV

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383. [htaprs] MIR during Field Day

From: Tom Rutter <kf4hjx@home.com>
Date: Mon, 28 Jun 1999 08:06:00 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27809-1999.06.28-07.12.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the Sunday morning pass of MIR, 0356 EDT. MIR was operation in voice
mode. I was able to make contact using my Kenwood D7A and the ARROW
antenna. I am still hoping to get an APRS hit on MIR. On the pass at
1145 EDT it was operating on Slow scan TV.

Tom
KF4HJX
kf4hjx@home.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

384. [htaprs] Gapfiller WIDE Digis

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 28 Jun 1999 10:31:30 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27821-1999.06.28-09.39.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Its time to think of better tweaks to our growing network. I am asking
Kantronics to consider the following. If you can think of improvements
let us know: (At start of FD, I noticed a multiplication of dupes as some
people installed temporary WIDE digipeaters to link to their FD site).

PROBLEM: Often people will put up temp or permanent digis to fill in a
small gap, or let them operate HT in a shadowed area. This is fine if
they only use the alias of RELAY.   But as a RELAY, then they work fine
for outgoing packets, but do nothing for incoming ones.   THus, there is a
temptation to make them a WIDE.   This causes MANY,MANY dupes for traffic
passing through the area.

SOLUTION: SOlution is to add a command called something like "FILL-DIGI"
to the digipeater TNC. If FILL-DIGI is set to ON, then this digi will
ONLY digipeat a packet if it is the FIRST or the LAST digipeater in a
string.   This way the digi works as intended, bringing traffic into
and out of a hidden area, while not adding duplicate DUPES to long
haul traffic passing through.

Its not a perfect solution, but it shouuld help. Where it doesnt help is
when say someone is just using the default of WIDE5-5 for example but the
user in the valley is only 3 hops away. Then the packet will arrive at
the FILL-DIGI as WIDE5-2 and NOT be digipeated, because it is not last.

But hey, we cant fix everything.
Think about it...

bob, WB4APR

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

385. [htaprs] "FILL-DIGI"

From: Dewey Bryant <kd4ehc@bellsouth.net>
Date: Tue, 29 Jun 1999 01:18:19 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27910-1999.06.29-00.25.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,
    Great Idea! During recent bike ride with APRS from D7 + V7's, set
up a coupla
digi's to fill but encountered the same problem without your idea. Hope
it will be in upcoming version........db / kd4ehc

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

386. [htaprs] QST Review of TH-D7A

From: Terry Kealey <terry.kealey@ieee.org>
Date: Wed, 30 Jun 1999 13:00:21 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28094-1999.06.30-13.08.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In looking for a product review today on the ARRL site, I noticed that
the QST product review for August is the TH-D7A. It is on the members
only web site at:

http://www.arrl.org/members-only/prodrev/pdf/pr9908.pdf

Terry, ke0ly

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

387. [htaprs] Gapfiller WIDE Digis (Rev-1)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 30 Jun 1999 15:05:49 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28101-1999.06.30-14.14.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Improvement! Hiroto, JJ1LYU suggested an improvement to the idea:

He suggests that in FILL-DIGI mode, that the digi do the following:

1) Digi all packets if it is the first digipeater
2) Digi all other qualified packets ONCE after striping off all remaining
   hops in the digipeater string.

Thus, these "fill-digis" will get packets out of a shadow and back in, but
will not add long distance QRM to packets passing through! Now to get the
TNC Mfrs to add it to their code..

de WB4APR, Bob

Copy of original proposal:

PROBLEM: Often people will put up temp or permanent digis to fill in a
small gap, or let them operate HT in a shadowed area. This is fine if
they only use the alias of RELAY.   But as a RELAY, then they work fine
for outgoing packets, but do nothing for incoming ones.   THus, there is a
temptation to make them a WIDE.   This causes MANY,MANY dupes for traffic
passing through the area.

SOLUTION: SOlution is to add a command called something like "FILL-DIGI"
to the digipeater TNC. If FILL-DIGI is set to ON, then this digi will
ONLY digipeat a packet if it is the FIRST or the LAST digipeater in a
string.   This way the digi works as intended, bringing traffic into
and out of a hidden area, while not adding duplicate DUPES to long
haul traffic passing through.

Its not a perfect solution, but it shouuld help. Where it doesnt help is
when say someone is just using the default of WIDE5-5 for example but the
user in the valley is only 3 hops away. Then the packet will arrive at
the FILL-DIGI as WIDE5-2 and NOT be digipeated, because it is not last.

But hey, we cant fix everything.
Think about it... Any better ideas?

bob, WB4APR

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

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You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

388. [htaprs] GPS III Plus

From: "Young, Mark J" <Mark.Young@PSS.Boeing.com>
Date: Wed, 30 Jun 1999 12:31:00 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28116-1999.06.30-14.40.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know this is the HT page, but I run mine with a garmin GPS III+ so thought this was appropriate information. See the Garmin home page and there is a new firm release for the GPS III+ (2.02) which has some cool updates. Just an FYI!!

73 de Mark AA7FY

P.S. I will be Mobile/Portable in CT and RI the next two weeks (7/1 - 7/13) so... Send me an APRS message!!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

389. [htaprs] Kenwood cable and RJ45

From: "Tom Schaefer" <toms@inconnect.com>
Date: Wed, 30 Jun 1999 14:19:36 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28120-1999.06.30-15.25.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone tried to crimp the end of the Kenwood cable into an RJ45?

Thanks,

Tom NY4I

390. [htaprs] Re: Gapfiller WIDE Digis (Rev-1)

From: Robert Donnell <kd7nm@ricochet.net>
Date: Wed, 30 Jun 1999 13:23:39 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28121-1999.06.30-15.31.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The first place(s) to do some tests on the concept is to have the authors
that support KISS in their APRS code to add it as an experimental option.
That way a lot of the issues can be tested and a very concise request to
the firmware authors can be created - rather than having to go through
several iterations of Write -> AlphaTest -> BetaTest -> Release cycles to
get it right.

I think that suggestion 1 may do harm - that filtering first digipeats only
for MYALIAS may make more sense. It might also be a good idea to have
Fill-Digi's implement the local recommended default path when they act as
the first digipeater, e.g.

RELAY,(anything - multiple digi's, etc.)
-- becomes --
RELAY*,WIDE,WIDE
  -- or --

RELAY*,WIDE5-5 (here in the greater Seattle area)
 -- or --
(digi call)*,WIDEX-X   (etc.) <- this example ID's the fill-in digi, for
rule purposes.

Note that the asterisk implies that the specified digi field is marked as
having been digipeated. Callsigns not included to protect the innocent...

The idea here is that a fill-in digi in a downtown area can also 'fix up'
paths for poorly configured itinerant users. It DOES have problems, like
how to handle GATEways and such. Again, it is a concept discussion, and
is most easily tested in user reconfigurable software.

At 03:05 PM 6/30/99 -0400, Bob Bruninga wrote:
>Improvement! Hiroto, JJ1LYU suggested an improvement to the idea:
>
>He suggests that in FILL-DIGI mode, that the digi do the following:
>
>1) Digi all packets if it is the first digipeater
>2) Digi all other qualified packets ONCE after striping off all remaining
>   hops in the digipeater string.
>
>Thus, these "fill-digis" will get packets out of a shadow and back in, but
>will not add long distance QRM to packets passing through! Now to get the
>TNC Mfrs to add it to their code..

73, Bob

  Bob Donnell, KD7NM   bob@kd7nm.ampr.org kd7nm@ricochet.net
  Western Washington Amateur IP Address Coordinator   (425) 775-3651
---------------------- http://wetnet.wa.com/~kd7nm ----------------------

---
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391. [htaprs] Trimble Geo-Explorer

From: "Roger M. Baty" <roger_baty@eee.org>
Date: Wed, 30 Jun 1999 16:13:33
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28134-1999.06.30-16.20.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anybody with experience using the Trimble Geo-Explorer with the TH-D7A?
I'm thinking of buying the TH. (Already have access to a Geo-Explorer)

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392. [htaprs] Re: Gapfiller WIDE Digis (Rev-1)

From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
Date: Wed, 30 Jun 1999 23:28:20 +0200 (CEST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-28141-1999.06.30-16.39.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 30 Jun 1999, Robert Donnell wrote:

> The first place(s) to do some tests on the concept is to have the authors
> that support KISS in their APRS code to add it as an experimental option.
> That way a lot of the issues can be tested and a very concise request to
> the firmware authors can be created - rather than having to go through
> several iterations of Write -> AlphaTest -> BetaTest -> Release cycles to
> get it right.
>
> I think that suggestion 1 may do harm - that filtering first digipeats only
> for MYALIAS may make more sense. It might also be a good idea to have
> Fill-Digi's implement the local recommended default path when they act as
> the first digipeater, e.g.
>
> RELAY,(anything - multiple digi's, etc.)
> -- becomes --
> RELAY*,WIDE,WIDE
>   -- or --
> RELAY*,WIDE5-5 (here in the greater Seattle area)
> -- or --

> (digi call)*,WIDEX-X   (etc.) <- this example ID's the fill-in digi, for
> rule purposes.
>
> Note that the asterisk implies that the specified digi field is marked as
> having been digipeated. Callsigns not included to protect the innocent...
>
> The idea here is that a fill-in digi in a downtown area can also 'fix up'
> paths for poorly configured itinerant users. It DOES have problems, like
> how to handle GATEways and such. Again, it is a concept discussion, and
> is most easily tested in user reconfigurable software.
>
> At 03:05 PM 6/30/99 -0400, Bob Bruninga wrote:
> >Improvement! Hiroto, JJ1LYU suggested an improvement to the idea:
> >
> >He suggests that in FILL-DIGI mode, that the digi do the following:
> >
> >1) Digi all packets if it is the first digipeater
> >2) Digi all other qualified packets ONCE after striping off all remaining
> >   hops in the digipeater string.
> >
> >Thus, these "fill-digis" will get packets out of a shadow and back in, but
> >will not add long distance QRM to packets passing through! Now to get the
> >TNC Mfrs to add it to their code..
>
> 73, Bob
>
> --
>   Bob Donnell, KD7NM   bob@kd7nm.ampr.org kd7nm@ricochet.net
>   Western Washington Amateur IP Address Coordinator   (425) 775-3651
> ---------------------- http://wetnet.wa.com/~kd7nm ----------------------
>
Correct me if i'm wrong but i believe stealthdigi can already do this
its just a mather of adopting the ini file

I'm willing to do this if someone wants it

73 de Andre PE1RDW

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393. [htaprs] Re: Kenwood cable and RJ45

From: Greg Kulosa <greg@gnac.com>
Date: Wed, 30 Jun 1999 15:53:45 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28147-1999.06.30-18.02.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Has anyone tried to crimp the end of the Kenwood cable into an RJ45?

Nope, I did not do it that way.

I took an existing Ethernet cable (all 8 pairs), and cut the RJ-45 end
off at about 4 inches.

I then soldered the MOUSER cable to the cut RJ-45 tail and then covered
the whole thing in lots of heat-shrink layers.

It works well and looks neat too.

> Thanks,
>
> Tom NY4I

--
Greg A. Kulosa | "The avalanche has already started, it is too
Systems Administrator | late for the pebbles to vote." - Ambassador Kosh
GNAC, Inc. |____
greg@gnac.com   999 Main Street - Redwood City, CA 94063

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394. [htaprs] Hello?

From: Jon Ogden <jono@enteract.com>
Date: Wed, 30 Jun 1999 21:52:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28168-1999.06.30-21.58.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello???

Kinda quiet around here ain't it?

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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July 1999

Original source file: htaprs.9907
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9907

1. [htaprs] duplicate listing

From: "Steve Prior" <sprior@nfdc.net>
Date: Thu, 1 Jul 1999 06:11:53 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28202-1999.07.01-05.17.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please check my "accounts" there are 2 listings for N3UYI@NFDC.net. I prefer the digest for email.
Thanks

2. [htaprs] RE: [aprssig] Re: [Fwd: QST Review of TH-D7A]

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Thu, 1 Jul 1999 09:22:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28225-1999.07.01-09.32.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'll ask for permission, so please standby.

If I do get permission, I will not post it to the SIGs because it is
247k. However, I will send it to anyone who asks. (Please don't ask
until I get permission).

Stan, WA1LOU

-----Original Message-----
From: Jon Ogden [mailto:jono@enteract.com]
Sent: Wednesday, June 30, 1999 10:07 PM
To: TAPR APRS Special Interest Group
Subject: [aprssig] Re: [Fwd: [htaprs] QST Review of TH-D7A]

>Unfortunately, reposting the artice it would most likely be an infringemnet
>of copyright laws, although if you look at who the author is (for those of
>you who are Dues paying ARRL members), you'd see it is our own fearless
>leader...of the sig...

The discussion of what can be posted from QST on webpages, etc. came up
on another e-mail reflector some time ago. Basically, the ARRL guy said,
"DON'T do it without asking. However, if you ask us we will most likely
say, 'Sure, go ahead and post it. Just give us credit.'"

So perhaps if someone asks QST for permission to post it to the SIG or to
a webpage, we will get it.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] Re: Geo Explorer

From: Chris Verbil <Chris_Verbil@Trimble.COM>
Date: Thu, 1 Jul 1999 10:09:43 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "'roger_baty@eee.org'" <roger_baty@eee.org>
Message-ID: <LYR845-28244-1999.07.01-12.17.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Geo Explorer does support NMEA output, so you should have no difficulty
using it with the THD7. I don't think that is the best use for the Geo
Explorer, but if you have access to one already, and want to use it for
APRS, have at it...just bring a lot of AA batteries along! The serial port
is not exactly energy-efficient in that model.

Chris
N5CV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] 1999 ARRL and TAPR Digital Communications Conference

From: Greg Jones <wd5ivd@tapr.org>
Date: Thu, 1 Jul 1999 14:00:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28272-1999.07.01-14.09.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

1999 ARRL and TAPR Digital Communications Conference
September 24-26, 1999
Phoenix, Arizona

Web: http://www.tapr.org/dcc

It's that time again! Time to start making your travel plans and
thinking about what to publish for the upcoming 18th Annual ARRL
and TAPR Digital Communications Conference.

The 1999 ARRL and TAPR Digital Communications Conference will
be held September 24-26, 1999 in Phoenix, Arizona. This year's
conference location is just minutes away from the Phoenix Sky Harbor
International Airport (PHX).

For full details on the conference, refer to the web page listed above.

Contact TAPR to register for the DCC:

Tucson Amateur Packet Radio
8987-309 E. Tanque Verde Road #337
Tucson, AZ 85749-9399.
phone 940-383-0000, fax 940-566-2544
e-mail tapr@tapr.org, browse http://www.tapr.org

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org http://www.tapr.org/~wd5ivd

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] D7 and Delorme Trip Mate

From: JWRZG@aol.com
Date: Thu, 1 Jul 1999 16:12:20 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28294-1999.07.01-15.21.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was wondering if the Delorme Trip Mate is NMEA compatible or does it
require the
Street Atlas or TopoUSA program to operate? Also, If I use the Trip Mate with
the
Delorme maps and APRS+SA do I need 2 serial ports on my laptop or can I run
the
TripMate cable to the GPS port on my D7? If the Trip Mate isn't the way to go
then I
would certainly consider purchasing a stand alone portable GPS receiver. I
would
prefer something very small (maybe shirt pocket size?). Any reccommendations?
Thanks,
Jack WA2RZG
jwrzg@aol.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] Band selector moves when pressing PTT

From: "Bob Lovell" <kc0efc@amsat.org>
Date: Thu, 1 Jul 1999 23:7:18
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28331-1999.07.01-23.14.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I noticed that while setup VHF/VHF and using an external Kenwood mike
(SMC-34) pressing the ptt cause the bands to flip from one to another. I
double check and the plug was plugged in fully.

Has any one else experienced this?

73' Bob / KC0EFC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

7. [htaprs] RE: Band selector moves when pressing PTT

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Thu, 1 Jul 1999 22:04:43 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: Bob Lovell <kc0efc@amsat.org>
Message-ID: <LYR845-28359-1999.07.02-00.12.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't think I've experienced what Bob described, but during Field Day I
was using my D7 with the Kenwood SMC-34 microphone and found several times
through the event that the D7 had changed memory channels on me - even
though I had the radio's key-lock function turned on!

I think the source of the mysterious switching may be a matter of forgetting
to also set the microphone lock switch to "on". When the microphone lock
switch is off, the three programmable buttons on the top of the microphone
are still active, and the key-locked radio still responds to them to some
extent. The default function for button "1" on the microphone is to switch
bands. My testing shows that band switching via the microphone button "1"
even works with the radio's key lock function enabled. %-/

In your case, I'm wondering if you might have a short in the microphone
causing PTT to activate the button one functionality?

I'm still not sure whether you call the ability to switch bands when the
key-lock function is enabled a "feature" or a "bug". The frequency switch
is most definitely a bug in my book - it makes the rig quite unreliable when
holstered on your belt. I'd be curious to hear if anyone else has had this
problem.

73, Ed (K6EKB)

-----Original Message-----
From: Bob Lovell [mailto:kc0efc@amsat.org]
Sent: 30 June 1999 19:00
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Band selector moves when pressing PTT

I noticed that while setup VHF/VHF and using an external Kenwood mike
(SMC-34) pressing the ptt cause the bands to flip from one to another. I
double check and the plug was plugged in fully.

Has any one else experienced this?

73' Bob / KC0EFC

You are currently subscribed to htaprs as: k6ekb@arrl.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] RE: Band selector moves when pressing PTT

From: Jon Ogden <jono@enteract.com>
Date: Fri, 2 Jul 99 09:29:51 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Bob Lovell" <kc0efc@amsat.org>
Message-ID: <LYR845-28403-1999.07.02-09.31.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The default function for button "1" on the microphone is to switch
>bands. My testing shows that band switching via the microphone button "1"
>even works with the radio's key lock function enabled. %-/

I have NOT experienced that with mine. The lock works correctly.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] Re: Band selector moves when pressing PTT

From: Jon Ogden <jono@enteract.com>
Date: Fri, 2 Jul 99 09:30:27 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28404-1999.07.02-09.31.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I noticed that while setup VHF/VHF and using an external Kenwood mike
>(SMC-34) pressing the ptt cause the bands to flip from one to another. I
>double check and the plug was plugged in fully.
>
>Has any one else experienced this?

Something might be set up goofy in your mic. I have not had this problem
and I run VHF/VHF ALL the time.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] Mir?

From: "Bob Lovell" <kc0efc@amsat.org>
Date: Fri, 2 Jul 1999 9:43:9
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28406-1999.07.02-09.50.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is anyone else having problems with Mir via APRS?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] thd7-lockup aprs boot

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Fri, 2 Jul 1999 17:52:44 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28438-1999.07.02-19.59.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi all
     the top notch engineering team of ham radio operators has been busy
installing a new acrodyne diacrode tv transmitter up in the mountains. i
stopped useing my td-7 for aprs because it still goes weird when you
command up the arps mode it sticks in
"opening tnc" and nothing i can do will clear it. sooner or later i can
get it to boot up, but its a real pain.

anything new about a fix for the problem, and how many of you still have
this problem?

"apr less in las vegas"

73
kd8s@skylink.net   find me on a map!   go to
http://maps.aprs.net/kd8s-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] [amsat-bb] SUNSAT MOBE B THIS SUNDAY (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 2 Jul 1999 20:56:33 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org
Message-ID: <LYR845-28439-1999.07.02-20.04.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Get those HT's out! ANOTHER FM repeater Satellite! (With potential Mic-E
APRS posit/status reporting (with voice only)).

Remember, you must start 10 KHz high at start of pass and end 10 Khz low
at end of pass on the uplink. Downlink should be OK on 145.825 all the
pass.

 de WB4APR, Bob

---------- Forwarded message ----------
Date: Sat, 03 Jul 1999 00:10:15 +0300
From: Hans <hans@intekom.co.za>
To: amsat-bb@AMSAT.Org, Garth Milne <matlab@mweb.co.za>
Subject: [amsat-bb] SUNSAT MOBE B THIS SUNDAY

SUNSAT will operate in mode B this weekend while over the US and Europe.
The times are as follows:

USA
Date   AOS   LOS   Duration
07-04-99 17:40:28   17:58:24 00:   17:56
07-04-99 19:19:58   19:37:07 00:   17:09

Europe
07-04-99 11:03:17   11:20:22 00:   17:05
07-04-99 12:44:11   12:59:28 00:   15:17

Operation will be in FM repeater mode

Uplink   436,291
Downlink 145,825
Mode: FM repeater

Coments and reception reports are invited and should be addressed to
SUNSAT at the following Email: sarlnews@intekom.co.za.

We are particularly interested at the power level and antennas used. It
should be possible to receive signals on a handy talkie.

A commemorative QSL will be available soon.

Have fun

73

Hans ZS5AKV

Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] Re: htaprs digest: July 02, 1999

From: "Steve Prior" <sprior@nfdc.net>
Date: Sat, 3 Jul 1999 06:48:26 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28484-1999.07.03-05.53.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does the SUNSAT have 2 line elements for tracking programs?

Steve
N3UYI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] sunsat keps

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sat, 3 Jul 1999 15:03:17 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: aprssig@lists.tapr.org
Message-ID: <LYR845-28518-1999.07.03-15.10.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

SUNSAT
1 25636U 99008C   99182.81764938 .00000301 00000-0 90442-4 0   733
2 25636 96.4846 106.8929 0152131 208.3610 150.9240 14.40877968 18485

http://celestrak.com/NORAD/elements/resource.txt

It is listed under earth resource sats

for amateur sats use:

use http://celestrak.com/NORAD/elements/amateur.txt

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] Sunsat FM repeater pass

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 4 Jul 1999 11:30:54 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-28588-1999.07.04-10.39.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just noticed there is an earlier pass too. SO here are the USA passes
today, workable with any dual band HT...   Do not transmit APRS via it,
but you should monitor to see if any Mic-E's or Kenwood HT's are on...

PDT   MDT   CDT   EDT
...   ...   1104 1202
1047 1145 1242 1340 <= these two were advertised, but the 1202 pass

1221 1320 1419 1519 <= over the east coast should also be in FM mode
1400 1500 ...   ...

Uplink   436.290 (Start 10K high and tune to 10 k low at end)
Downlink 145.825 (no tuning needed)
Mode: FM repeater

Coments and reception reports are invited and should be addressed to
SUNSAT at the following Email: sarlnews@intekom.co.za.
We are particularly interested at the power level and antennas used. It
should be possible to receive signals on a handy talkie.
A commemorative QSL will be available soon.
Have fun
73
Hans ZS5AKV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] suggestion for installing mobile unit in land cruiser

From: "Roger M. Baty" <roger_baty@eee.org>
Date: Sun, 4 Jul 1999 18:50:29
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28672-1999.07.04-18.57.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm working with an 89 toyotal landcruiser. I want to install
a 2m yaesu transceiver. Would like suggestions for antenna mount
to use and path through fire wall. Also ideas on where to place
the unit in the cab. Many thanks

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] To delete list? [A/B] (1s)

From: "Daniel Lavoie" <lavoied@istar.ca>
Date: Mon, 5 Jul 1999 03:15:21 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28686-1999.07.04-22.25.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got my TH-D7 on Saturday and I love it and so far I only have one
question. I want to delete the information of all stations. I read page
64, number 5, and it says to press [A/B] (1 s). What's (1s)?

Thanks

Daniel
VE3DCL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Re: To delete list? [A/B] (1s)

From: Robbie Robertson <rrobertson@ameritech.net>
Date: Sun, 04 Jul 1999 22:28:09 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-28688-1999.07.04-22.32.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Dan, that means 1 second.. In otherwords hold it down,
not "tap" it..

Enjoy, I do... :-)

73

Daniel Lavoie wrote:
>
> I got my TH-D7 on Saturday and I love it and so far I only have one
> question. I want to delete the information of all stations. I read page
> 64, number 5, and it says to press [A/B] (1 s). What's (1s)?

>
> Thanks
>
> Daniel
> VE3DCL
>
> ---
> You are currently subscribed to htaprs as: rrobertson@ameritech.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

Are we having fun yet?
Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] Re: To delete list? [A/B] (1s)

From: "Daniel Lavoie" <lavoied@istar.ca>
Date: Mon, 5 Jul 1999 03:47:59 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <N1EZT@aol.com>, <rrobertson@ameritech.net>, <1schwab1@tampabay.rr.com>,
        <jwhughes@bellsouth.net>
Message-ID: <LYR845-28691-1999.07.04-22.54.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To push the [A/B] key for 1 second now makes sense. You wouldn't believe
how long I looked for that (1s) key on the keyboard. It reminds me of the
joke about the guy who called tech support and asked: "My program is asking
me to press any key. Where is the ANY key on the keyboard?"

Thanks everyone and look for me tonight on R0MIR.

Daniel
VE3DCL-7

-----Original Message-----
From: Daniel Lavoie <lavoied@istar.ca>
To: TAPR HT APRS Special Interest Group digest <htaprs@lists.tapr.org>
Date: July 5, 1999 03:15
Subject: To delete list? [A/B] (1s)

>I got my TH-D7 on Saturday and I love it and so far I only have one
>question. I want to delete the information of all stations. I read page
>64, number 5, and it says to press [A/B] (1 s). What's (1s)?
>
>Thanks
>
>Daniel
>VE3DCL
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] Was SUNSAT activated?

From: j.martinez@denso.es
Date: Mon, 5 Jul 1999 19:39:06 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-28796-1999.07.05-12.54.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi OM's!

Somebody knows if SUNSAT was activated in mode B last Sunday? From my QTH
near Barcelona I can't hear their signals. I don't know whether was on or I
have to buy a better antenna.   :-)

I want to know if somebody listened that bird from Europe or USA .

TNX!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] PalmPilot Connector

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Mon, 5 Jul 1999 14:07:19 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "'lavoied@istar.ca'" <lavoied@istar.ca>
Message-ID: <LYR845-28800-1999.07.05-13.19.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Now that I just spent nearly CDN$900 on a TH-D7 and accessories, I don't
really feel like spending big $$$ on a cable for my PalmPilot to TH-D7. I
looked on the net for a PalmPilot connector but all I got are 100s of web
pages selling the 3COM modem cable. Anyone know where I can get just the
connector that connects to the base of the PalmPilot?

Thanks

Daniel
VE3DCL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Re: PalmPilot Connector

From: "Jonathan Kaplan" <jonk@jskent.com>
Date: Mon, 5 Jul 1999 12:18:31 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <lavoied@istar.ca>
Message-ID: <LYR845-28811-1999.07.05-14.25.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: Lavoie Daniel (NHQ-AC) <LavoieDM@CSC-SCC.GC.CA>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: 'lavoied@istar.ca' <lavoied@istar.ca>
Date: Monday, July 05, 1999 11:12 AM
Subject: [htaprs] PalmPilot Connector

>Now that I just spent nearly CDN$900 on a TH-D7 and accessories, I don't
>really feel like spending big $$$ on a cable for my PalmPilot to TH-D7. I
>looked on the net for a PalmPilot connector but all I got are 100s of web
>pages selling the 3COM modem cable. Anyone know where I can get just the
>connector that connects to the base of the PalmPilot?

Lavoie,
    The modem cable IS what you want. On one end, it has the edge connector
that connects the PalmPilot. The other end is a DB-25 connector. You have a
choice of
1) cutting off the DB-25 connector and attaching the three needed leads to a
2.5mm
stereo plug that fits the D7A, or 2) making a new cable with the stereo plug
at one and
a DB-25 at the othe end. Personally, I prefer the second option because a)
you can use
the completed new cable for programming the radio from a desktop; and b)it's
easier to mate a thin cable (the new one) with the thick one, using a plug
rather than electical tape. This is especialy important because I
additionally reccommend you use only the 2.5mm plug available from Kenwood
or Mouser. Off brand plugs don't quite seat proeprly in the radio ports,
resulting in intermittant transfers of data (Bummer!).

Good Luck

Jonathan KO6XS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] Re: To delete list? [A/B] (1s)

From: SEMRRT@aol.com
Date: Tue, 6 Jul 1999 02:50:55 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: N1EZT@aol.com, rrobertson@ameritech.net, 1schwab1@tampabay.rr.com,
jwhughes@bellsouth.net
Message-ID: <LYR845-28875-1999.07.06-01.59.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That's like hitting the 'return' key when you just signed on and
haven't been anywhere else.....

73
KF4TLJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] RE: Band selector moves when pressing PTT

From: "Bob Lovell" <kc0efc@amsat.org>
Date: Wed, 7 Jul 1999 20:4:52
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29083-1999.07.07-20.12.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've also noticed that when enough noise is present to break the squelch it
depends how far the microphone's volume control is set, whether or not the
flipping of bands will take place.Too high a setting when pressing the PTT
will cause the band indicator to flip . Less than half volume flipping
does not take place!

And the Lock is on. And the plug is fully inserted.

73' Bob / KC0EFC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] RE: Band selector moves when pressing PTT

From: John Ackermann <jra@febo.com>
Date: Wed, 07 Jul 1999 21:09:28 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29088-1999.07.07-20.17.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You know, this sounds a lot like the problem I have with my Kenwood
TM-V7A mobile if it is set up to accept commands from the microphone --
it turns out that (at least on my older unit) the mic element is live
all the time, and random noise or loud music can cause the tone decoder
to false, thus triggering a random command. Wonder if the problem is
related to the D7A remote control feature being turned on and the same
effect occurring?

John N8UR
jra@febo.com

> I've also noticed that when enough noise is present to break the squelch it
> depends how far the microphone's volume control is set, whether or not the
> flipping of bands will take place.Too high a setting when pressing the PTT
> will cause the band indicator to flip . Less than half volume flipping
> does not take place!
>
> And the Lock is on. And the plug is fully inserted.
>
> 73' Bob / KC0EFC
>
> ---
> You are currently subscribed to htaprs as: jra@febo.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] Re: Gapfiller WIDE Digis

From: "James Longley" <jlongley@attcanada.net>
Date: Thu, 8 Jul 1999 06:51:11 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29144-1999.07.08-02.05.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm not sure how to turn it on but how about. A temporary Digi could handle the relays the same as normal. This would give the locals that need the temporary Digi the range they need. And would 0 the Wide and Trace counters to just its callsign. This will give the 1 hop and would not create any dups.

Command ? TEMPorary on/OFF

James (VE7JMS)

Bob Bruninga wrote on 99-6-28 7:28:

Its time to think of better tweaks to our growing network. I am asking Kantronics to consider the following. If you can think of improvements let us know: (At start of FD, I noticed a multiplication of dupes as some people installed temporary WIDE digipeaters to link to their FD site).

PROBLEM: Often people will put up temp or permanent digis to fill in a small gap, or let them operate HT in a shadowed area. This is fine if they only use the alias of RELAY.   But as a RELAY, then they work fine for outgoing packets, but do nothing for incoming ones.   THus, there is a temptation to make them a WIDE.   This causes MANY,MANY dupes for traffic passing through the area.

SOLUTION: SOlution is to add a command called something like "FILL-DIGI" to the digipeater TNC. If FILL-DIGI is set to ON, then this digi will ONLY digipeat a packet if it is the FIRST or the LAST digipeater in a string.   This way the digi works as intended, bringing traffic into and out of a hidden area, while not adding duplicate DUPES to long haul traffic passing through.

Its not a perfect solution, but it shouuld help. Where it doesnt help is when say someone is just using the default of WIDE5-5 for example but the user in the valley is only 3 hops away. Then the packet will arrive at the FILL-DIGI as WIDE5-2 and NOT be digipeated, because it is not last.

But hey, we cant fix everything.
Think about it...

bob, WB4APR

You are currently subscribed to htaprs as: LONGLEY@ATTCANADA.NET To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Regards James Longley

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

27. [htaprs] TH-D7A - can it tx on different frequencies?

From: david@baker.pc.my (David Baker)
Date: Thu, 8 Jul 1999 15:21:18 +0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29145-1999.07.08-02.38.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have bought a couple of TH-D7A units but they haven't arrived yet...

Is it possible to do the following with these units at the same time?

1) Have a GPS connected to the TH-D7A & tx on 1 frequency every 30
seconds or so.

2) Have a computer also connected to the TH-D7A full time, with "other"
data coming (fuel flow for example) in to the computer every so often on
another serial port. When the data comes into the computer, the
computer would send this "other" information on a different frequency? I
would expect the computer would have to put the radio into a different
mode, change the frequency, then put the radio back into tx mode?

While I'm here, we are looking at a fairly big network of units, sending
data all over the place. I'm wondering if there are experienced consultants

who are available to help in the design this system. We already have
most of it in place, but are a bit stuck on the best way to go with the next
phase which involves sending more data besides vehicle positions. We
are not sure whether we can send everything on the same frequency, or
whether we need more than 1 frequency, etc...

Dave Baker
--

| David Baker | david@baker.pc.my |
Electronics Engineer	Kuala Lumpur, Malaysia
http://www.geocities.com/SiliconValley/Vista/8552/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] RE: TH-D7A - can it tx on different frequencies?

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Thu, 08 Jul 1999 09:42:20 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29146-1999.07.08-02.51.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Op donderdag 8 juli 1999 9:21, heeft david@baker.pc.my
[SMTP:david@baker.pc.my] geschreven:
> I have bought a couple of TH-D7A units but they haven't arrived yet...
>
> Is it possible to do the following with these units at the same time?
>
> 1) Have a GPS connected to the TH-D7A & tx on 1 frequency every 30
> seconds or so.
>
> 2) Have a computer also connected to the TH-D7A full time, with "other"
> data coming (fuel flow for example) in to the computer every so often on
> another serial port. When the data comes into the computer, the
> computer would send this "other" information on a different frequency? I
> would expect the computer would have to put the radio into a different
> mode, change the frequency, then put the radio back into tx mode?

while in aprs mode you can control (almost) all functions of the th-d7 via
the computer including changing frequentie and entering tnc mode, so that
part can be done but i'm not sure if you can exit the tnc mode from the
computer.

73 de Andre PE1RDW
http://www.pe1rdw.demon.nl

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29. [htaprs] Re: TH-D7A - can it tx on different frequencies?

From: "Walter Dunckel" <wdunckel@best.com>
Date: Thu, 8 Jul 1999 05:37:11 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29149-1999.07.08-07.42.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, while the TH-D7 is connected to a GPS, you can have the TH-D7 connected
to the serial port of a computer. This computer can change all functions of
the radio. It would be easiest to put the fuel consumption and other data
into the "Status Text" of the radio. This setup could send all data on the
same frequency, but if you prefer, the computer could easily change the
TH-D7's frequency for this transmission.

For a little more info on what computer control can do check my web page on
TH-D7 programing at: http://www.radiohound.com/d7zpinfo.htm

-----Original Message-----
From: David Baker <david@baker.pc.my>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Thursday, July 08, 1999 12:33 AM
Subject: [htaprs] TH-D7A - can it tx on different frequencies?

I have bought a couple of TH-D7A units but they haven't arrived yet...

Is it possible to do the following with these units at the same time?

1) Have a GPS connected to the TH-D7A & tx on 1 frequency every 30
seconds or so.

2) Have a computer also connected to the TH-D7A full time, with "other"
data coming (fuel flow for example) in to the computer every so often on
another serial port. When the data comes into the computer, the
computer would send this "other" information on a different frequency? I
would expect the computer would have to put the radio into a different
mode, change the frequency, then put the radio back into tx mode?

While I'm here, we are looking at a fairly big network of units, sending
data all over the place. I'm wondering if there are experienced consultants
who are available to help in the design this system. We already have
most of it in place, but are a bit stuck on the best way to go with the next
phase which involves sending more data besides vehicle positions. We
are not sure whether we can send everything on the same frequency, or
whether we need more than 1 frequency, etc...

Dave Baker

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30. [htaprs] dc power cord for d7a

From: John <jwhughes@bellsouth.net>
Date: Thu, 08 Jul 1999 22:36:22 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29238-1999.07.08-22.02.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone using the pc-2w dc cable in a mobile application? Has this been
"clean" or would the "filtered" cigarette lighter cable be a better option
for mobile use?

Thanks...

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31. [htaprs] Re: dc power cord for d7a

From: Jon Ogden <jono@enteract.com>
Date: Thu, 8 Jul 1999 22:03:39 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29242-1999.07.08-22.10.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Anyone using the pc-2w dc cable in a mobile application? Has this been
>"clean" or would the "filtered" cigarette lighter cable be a better option
>for mobile use?

For mobile use you really, really want the filtered cable. Doo-doo
happens otherwise.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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32. [htaprs] MCP_D7 and memory channels with AM on VHF-AIR

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Fri, 9 Jul 1999 10:06:37 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29407-1999.07.09-09.16.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yesterday I noticed a problem with MCP_D7 when programming a channel with a VHF-AIR frequency and AM demodulation.

I noticed that once I entered a VHF-AIR frequency and label in a memory channel, I had to go back and enable AM. At that point the memory channels in MCP_D7 had the right information. I uploaded the info to the TH-D7 and when I checked the same memory channels on the TH-D7 they were all set to FM demodulation.

How do you guys get around that bug (MCP_D7 displayed AM but the TH-D7 enabled FM)

Thanks

Daniel

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33. [htaprs] TH-D7A Speaker Mikes

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Fri, 9 Jul 1999 09:29:38 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Raul Kenwood Garcia" <rggarcia@ix.netcom.com>,
"Leo Kenwood Fahmie" <lfahmie@kenwoodusa.com>
Message-ID: <LYR845-29419-1999.07.09-11.36.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am trying to decide on a Kenwood Speaker Mike for my TH-D7A.

Is anyone familiar with the 3 Mikes available? SMC-32, SMC-33 & SMC-34

It seems to me that the SMC-34 has remote functions and a remote volume control, however it is the cheapest in price at HRO. That does not make any sense. Even the SMC-32 costs considerably more.

Which one do you like best? What are the remote functions on the SMC-33 and SMC-34?

Comments are welcomed,

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

34. [htaprs] Re: TH-D7A Speaker Mikes

From: Jon Ogden <jono@enteract.com>
Date: Fri, 9 Jul 99 13:57:24 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Raul Kenwood Garcia" <rggarcia@ix.netcom.com>,
"Leo Kenwood Fahmie" <lfahmie@kenwoodusa.com>
Message-ID: <LYR845-29432-1999.07.09-13.59.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>It seems to me that the SMC-34 has remote functions and a remote volume
>control, however it is the cheapest in price at HRO. That does not make any
>sense. Even the SMC-32 costs considerably more.
>
>Which one do you like best? What are the remote functions on the SMC-33 and
>SMC-34?

Well, the SMC-34 is the newest and the cheapest. You are correct. There

is a paradox there! It has the same remote functions (3) as the SMC-33
but also has the volume control and is half the price. It works really
well and I just got one.

I am surprised Kenwood gave away the SMC-32 at Dayton when the SMC-34
retails cheaper. Personally, I would rather have the 34. It has a
better speaker with better audio quality plus all the other stuff.

Go figure. Who says you can't get more and pay less.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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35. [htaprs] Re: TH-D7A Speaker Mikes

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Fri, 9 Jul 1999 21:44:40 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Raul Kenwood Garcia" <rggarcia@ix.netcom.com>,
"Leo Kenwood Fahmie" <lfahmie@kenwoodusa.com>
Message-ID: <LYR845-29494-1999.07.09-23.51.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all who replied to me directly.

I already bit the bullet and ordered one from HRO while I was ordering my
Garmin Topo CD's for my new Garmin III+. By the way if you ask, they will
nock another $5 off to make it $114.95 for the Topo CD's delivered, that is
the cheapest price I found.

I asked HRO about the SMC-34 and they said it was the best of the 3 mikes
and that Kenwood dropped the price on this one because it was not selling.
It used to go for $75. So it appears that the SMC-34 is the best buy. That
was borne out by all the responses I got to my inquiry.

Thanks again to all that replied.

On another point. I have used my GPS III+ with my TH-D7A as a tracker and
was surprised that the TH-D7A uploads all the received APRS station as
Waypoints to the III+. I consider this a really neat feature. Between
these two units I almost have a complete operating portable APRS station
with me at all time. Look for me when I am in the mountains.

Kenwood if you are listening. It would really be neat to add in integral
GPS to your TH-D7A, then we would only have to carry one piece of equipment
to play our game of APRS. APRS is still in its infancy and there is a
market for a product that puts a Radio, TNC and GPS into one neat package.
I suggested it to ICOM over a year ago and their marketing people rejected
it. I just purchased two of the TH-D7A's and love them. The market it out
there for the right products.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Jon Ogden
> Sent: Friday, July 09, 1999 11:57 AM
> To: TAPR HT APRS Special Interest Group

> Cc: Raul Kenwood Garcia; Leo Kenwood Fahmie
> Subject: [htaprs] Re: TH-D7A Speaker Mikes
>
>
> >It seems to me that the SMC-34 has remote functions and a remote volume
> >control, however it is the cheapest in price at HRO. That does
> not make any
> >sense. Even the SMC-32 costs considerably more.
> >
> >Which one do you like best? What are the remote functions on
> the SMC-33 and
> >SMC-34?
>
> Well, the SMC-34 is the newest and the cheapest. You are correct. There
> is a paradox there! It has the same remote functions (3) as the SMC-33
> but also has the volume control and is half the price. It works really
> well and I just got one.
>
> I am surprised Kenwood gave away the SMC-32 at Dayton when the SMC-34
> retails cheaper. Personally, I would rather have the 34. It has a
> better speaker with better audio quality plus all the other stuff.
>
> Go figure. Who says you can't get more and pay less.
>
> 73,
>
> Jon
> KE9NA
>
>
> --
> The Second Amendment is NOT about duck hunting!
>
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] Waypoint Storage in GPS

From: Bill_Sturgis@dot.ca.gov
Date: Mon, 12 Jul 1999 07:36:03 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29789-1999.07.12-09.55.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Even though some people like the storage of Waypoints in their GPS, This creates problems for me. Does anyone know how to disable this feature? I still want to receive the info in my D7 but just not have it sent to my GPS.

Thanks,

Bill KG6WY

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37. [htaprs] RE: Waypoint Storage in GPS

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Mon, 12 Jul 1999 08:44:09 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29799-1999.07.12-10.51.35--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I like the Waypoint data being uploaded to my GPS. That almost gives me a
fully functioning APRS station without a laptop! Neat idea.

They way I intend to manage these additional Waypoints on my Garmin III+, is
to only used the square box symbol that are automatically uploaded for these
Waypoints. I will use other symbols for my other Waypoints. That way I can
delete only the square block symbols and not affect my other Waypoints that
I do not want to eliminate. Seems like a manageable system to me.

If you do not want to up load these stations to your GPS, you can always
snip off the Data IN lead into the GPS. The TH-D7A should only be looking
for GPS data from the GPS.

If there is another way, I would be interested in knowing that method also.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of
> Bill_Sturgis@dot.ca.gov
> Sent: Monday, July 12, 1999 7:36 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Waypoint Storage in GPS
>
>
>
>
> Even though some people like the storage of Waypoints in their
> GPS, This creates
> problems for me. Does anyone know how to disable this feature?
> I still want to
> receive the info in my D7 but just not have it sent to my GPS.
>
> Thanks,
>
> Bill KG6WY
>
>
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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38. [htaprs] RJ45

From: "Tom Schaefer" <toms@inconnect.com>
Date: Mon, 12 Jul 1999 11:08:46 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29810-1999.07.12-12.15.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For what it is worth, I connected the Kenwood D7A cable to an RJ45 with my
trusty crimpers. Now, I just use one of two RJ45-DB9 adapters to go to
either the GPS or the PC.

One interesting side benefit is that to connect the D7A to my GPS35 (with
the RJ45 on it), I do need an RJ45 coupler. I just made sure I wired them so
the right pins pass-through.

Just thought some might like to know.

Tom NY4I

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39. [htaprs] RE: Waypoint Storage in GPS

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Mon, 12 Jul 1999 10:15:22 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29813-1999.07.12-12.23.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Doesn't the Garmin II/III+ port configuration menu allow you to set it to
one-way (NMEA, none) so that it won't input waypoints from the D7?

Ed Braaten, K6EKB
mailto:k6ekb@arrl.net
http://home.sprynet.com/~ekb/

-----Original Message-----
From: Herb Gerhardt, KB7UVC [mailto:gerhardt@hctc.com]
Sent: 12 July 1999 8:44
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] RE: Waypoint Storage in GPS

I like the Waypoint data being uploaded to my GPS. That almost gives me a
fully functioning APRS station without a laptop! Neat idea.

They way I intend to manage these additional Waypoints on my Garmin III+, is
to only used the square box symbol that are automatically uploaded for these
Waypoints. I will use other symbols for my other Waypoints. That way I can
delete only the square block symbols and not affect my other Waypoints that
I do not want to eliminate. Seems like a manageable system to me.

If you do not want to up load these stations to your GPS, you can always
snip off the Data IN lead into the GPS. The TH-D7A should only be looking
for GPS data from the GPS.

If there is another way, I would be interested in knowing that method also.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of
> Bill_Sturgis@dot.ca.gov
> Sent: Monday, July 12, 1999 7:36 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Waypoint Storage in GPS
>
>
>
>
> Even though some people like the storage of Waypoints in their
> GPS, This creates
> problems for me. Does anyone know how to disable this feature?
> I still want to
> receive the info in my D7 but just not have it sent to my GPS.
>
> Thanks,
>
> Bill KG6WY
>
>
>
> ---

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40. [htaprs] RE: Waypoint Storage in GPS

From: Robert Winingham <kc5ejk@onramp.net>
Date: Mon, 12 Jul 1999 13:15:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29824-1999.07.12-13.23.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Doesn't the Garmin II/III+ port configuration menu allow you to set it to
>one-way (NMEA, none) so that it won't input waypoints from the D7?

The Garmin 45 had setting like:
Input / Output

None / NMEA
NMEA / NMEA

But the Garmin III+ only has:

Garmin
NMEA
None
RTCM/NEMA
RTCM/Text
Text out

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

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41. [htaprs] RE: Waypoint Storage in GPS

From: "Rich Mazzeo" <N3XKU@erols.com>
Date: Mon, 12 Jul 1999 14:39:41 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29826-1999.07.12-13.47.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does the D7a upload postions to the Garmin GPS II+ also?? Just
wondering...
73
--
Rich Mazzeo; N3XKU
Fairless Hills, PA
ICQ# 10223744
http://users.erols.com/n3xku

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42. [htaprs] GPS III+ worth it?

From: bobj <bobj@mediaone.net>
Date: Mon, 12 Jul 1999 15:06:45 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29829-1999.07.12-14.12.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello All

  I've been using a GPS II+ with the D7A mobile (and without a PC) since
last year.. love it! I was wondering if any one has used the GPS III +
with the downloadable maps and how that works out with the D7A and the
uploaded way points..
   Sounds like a pretty close to a complete APRS/navigation system
without a PC.. I expect the maps not to be as detailed as one might find
for a PC..

  Any comments?

DE Bob, K1KAS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Re: GPS III+ worth it?

From: Robert Winingham <kc5ejk@onramp.net>
Date: Mon, 12 Jul 1999 14:29:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29830-1999.07.12-14.37.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   Sounds like a pretty close to a complete APRS/navigation system
>without a PC.. I expect the maps not to be as detailed as one might find
>for a PC..

If you get the $89 Garmin Mapsource CD-ROM
you can download maps into the GPS to the street level like you get
with Street Atlas. You download by county and the memory
can hold 4-6 depending on size.

and yes it does free you from needing the computer in the car for local
use.

So far only the Garmin maps can be loaded into the GPS.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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44. [htaprs] Problem with the SMC-34 mic

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Mon, 12 Jul 1999 15:45:08 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29831-1999.07.12-15.08.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello everyone on the list,

I got my TH-D7 a week ago with a SMC-34 mic. Yesterday I used the mic for
the first time and I experienced a very strange problem. I had the radio
setup to display only the lower band (UHF) at 446 MHz. Operating off the
filtered DC adapter or the 9.6V battery didn't make any difference. Every
once in a while, the HT would change from the lower displayed band (UHF) to
the upper displayed band (VHF). I checked the SMC-34 and it was in the lock
mode so none of the 3 buttons were working. Once I disconnected the SMC-34
the band switching never occurred again.

Has anyone seen this before?

Thanks

Daniel

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] RE: RJ45

From: "Joe B. Dorn" <joedorn@stonemedia.com>
Date: Mon, 12 Jul 1999 15:24:13 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-29835-1999.07.12-15.34.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FWIW...

I have just built a 'Y" cable (made with a male and female DB-9 and a stereo
connector) that allows me to simultaneously share my GPS II+ between my
MIC-e and my laptop running Street Atlas (NOT APRS+SA). My wife would have
developed an intense dislike for MIC-e if I had interfered with her tracking
our trips.... Works great...

Joe Dorn, W5VEX

-----Original Message-----
From: bounce-htaprs-9157@lists.tapr.org
[mailto:bounce-htaprs-9157@lists.tapr.org] On Behalf Of Tom Schaefer
Sent: Monday, July 12, 1999 12:09 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] RJ45

For what it is worth, I connected the Kenwood D7A cable to an RJ45 with my
trusty crimpers. Now, I just use one of two RJ45-DB9 adapters to go to
either the GPS or the PC.

One interesting side benefit is that to connect the D7A to my GPS35 (with
the RJ45 on it), I do need an RJ45 coupler. I just made sure I wired them so
the right pins pass-through.

Just thought some might like to know.

Tom NY4I

You are currently subscribed to htaprs as: joedorn@stonemedia.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] Re: Waypoint Storage in GPS

From: Jim Baremore <k5qq@juno.com>
Date: Mon, 12 Jul 1999 19:00:11 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-29857-1999.07.12-20.21.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 12 Jul 1999 07:36:03 -0700 Bill_Sturgis@dot.ca.gov writes:
>
>
>Even though some people like the storage of Waypoints in their GPS,
>This creates
>problems for me. Does anyone know how to disable this feature? I
>still want to
>receive the info in my D7 but just not have it sent to my GPS.
>

Hi Bill

Set your GPS to NONE/NMEA and all it will do is transmit out the NMEA
data. It will not receive and thus the data from the TH-D& will 'go
nowhere'

Good luck

Jim Baremore K5QQ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] Re: GPS III+ worth it?

From: bobj <bobj@mediaone.net>
Date: Wed, 14 Jul 1999 11:54:43 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30062-1999.07.14-11.00.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks..

After the positive feedback from you and others I'm buying one

today...

  Now I have to figure out what my GPS II+ is worth and how to sell
it<hint to list>...
, I also have a Magellan GPS300(?) that isn't useable APRS but is a nice
minimal handheld..

"Young, Mark J" wrote:
>
> The downloadable maps are real slick. Enjoyed it on a recent trip to the East coast.
>
> > ----------
> > From: bobj[SMTP:bobj@mediaone.net]
> > Sent: Monday, July 12, 1999 12:06 PM
> > To: TAPR HT APRS Special Interest Group
> > Subject: [htaprs] GPS III+ worth it?
> >
> > Hello All
> >
> >   I've been using a GPS II+ with the D7A mobile (and without a PC) since
> > last year.. love it! I was wondering if any one has used the GPS III +
> > with the downloadable maps and how that works out with the D7A and the
> > uploaded way points..
> >   Sounds like a pretty close to a complete APRS/navigation system
> > without a PC.. I expect the maps not to be as detailed as one might find
> > for a PC..
> >
> >   Any comments?
> >
> > DE Bob, K1KAS
> >
> > ---
> > You are currently subscribed to htaprs as: Mark.j.young@boeing.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] Re: GPS III+ worth it?

From: Robert Winingham <kc5ejk@onramp.net>
Date: Wed, 14 Jul 1999 11:19:19 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-30063-1999.07.14-11.27.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I'm using one and really enjoy it. My only objection is the number of
>waypoints it stores if you are tracking others in APRS. However I do
>use a symbol that I can save (deleting the others) at the end of a
>session. In a real active area such as ours, there are numerous screen
>re-paints (map re-draw) and that is a problem. Anyone got suggestions?

Steve Dimse K4HG, send me a message and said the setting to
RTCM/NMEA should work.

Our setting for the Garmin III+ Are:

Garmin
NMEA
None
RTCM/NEMA
RTCM/Text
Text out

We don't have the NONE/NMEA that some of the older Garmin usnit had
but RTCM/NEMA almost does the same thing
with one error message at the start.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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49. [htaprs] TH-D7A & APRS question

From: "Kevin Numbers, KC8MTV" <kc8mtv@arrl.net>
Date: Wed, 14 Jul 1999 12:42:49 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30066-1999.07.14-11.49.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been trying for a week to get into APRS with my new Kenwood
TH-D7A. I have followed the manual, and I have entered the frequency of
144.390 for the Columbus, Ohio area, but I am not getting anywhere and it's
getting me disappointed. Could somebody tell me exactly what the settings
should be for the TH-D7A?

73's
Kevin Numbers, KC8MTV
E-Mail: kc8mtv@arrl.net
HomePage: http://www.greenapple.com/~knumbers

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Re: TH-D7A & APRS question

From: Robert Winingham <kc5ejk@onramp.net>
Date: Wed, 14 Jul 1999 15:50:52 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-30081-1999.07.14-15.58.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   I have been trying for a week to get into APRS with my new Kenwood
>TH-D7A. I have followed the manual, and I have entered the frequency of
>144.390 for the Columbus, Ohio area, but I am not getting anywhere and it's
>getting me disappointed. Could somebody tell me exactly what the settings
>should be for the TH-D7A?
>
>

more info please

not seeing aprs or not sending aprs to another station
or using the unit with a computer.

the TNC button has 3 states
1. off
2. APRS The TH-D7a is the computer
3. TNC for use with an external computer running aprs

Things that can be wrong
1. Using a repeter offset on 133.390
2. Need a relay or a wide in the path to get to a local APRS station.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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51. [htaprs] Re: TH-D7A & APRS question

From: "Mark Pedroia" <kf6tys@hotmail.com>
Date: Wed, 14 Jul 1999 17:30:40 PDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30100-1999.07.14-19.38.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try this page for good info http://www.cedar.net/users/dvanhorn/kenwood.html

and

http://www.best.com/~wdunckel/thd7.html

Mark Pedroia
KF6TYS
kf6tys@hotmail.com

_____
Get Free Email and Do More On The Web. Visit http://www.msn.com

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] Replacement clips for TH-D7?

From: "Harry Burford" <hburford@airmail.net>
Date: Thu, 15 Jul 1999 00:27:01 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30137-1999.07.15-00.35.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is Kenwood the only source for the clip that snaps onto the battery pack of
the TH-D7? If replacement battery packs include that clip, then I guess it
might be time for a spare battery. Didn't realize how easy that little clip
was to loose.

Harry, KAØTTY

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53. [htaprs] TH-D7 & linux

From: Alessio Sangalli <manoweb@iname.com>
Date: Thu, 15 Jul 1999 13:38:42 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30155-1999.07.15-06.50.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have bought a th-d7, because of the integrated tnc. Recently a friend of
mine bought another, so we were interested in using those radios to connect
our PCs to send messages and little files. We were also interested in
building a TCP/IP network using linux and the AX.25 integraded
functionality. Does someone has already tried that???

Thank you
Alessio Sangalli

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

54. [htaprs] Re: Replacement clips for TH-D7?

From: Walter Dunckel <wdunckel@best.com>
Date: Thu, 15 Jul 1999 08:19:04 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-30170-1999.07.15-10.35.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The good news is that spare batteries come with clips. The bad news is
that Maha aftermarket batteries clips are not compatible with Kenwoods
clips.

Walter

Harry Burford wrote:
>
> Is Kenwood the only source for the clip that snaps onto the battery pack of
> the TH-D7? If replacement battery packs include that clip, then I guess it
> might be time for a spare battery. Didn't realize how easy that little clip
> was to loose.
>
> Harry, KAØTTY

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55. [htaprs] RE: TH-D7A & APRS question

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Thu, 15 Jul 1999 10:33:42 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30172-1999.07.15-10.43.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From the optional TH-D7 Instrauction Manual (not the manual bundled with the radio):

IF THE TH-D7 DOES NOT TRANSMIT APRS DATA AUTOMATICALLY...

· Make sure the TNC function is ON. The display should read TNC, not Packet.

· Check the "MY CALL" setting in the APRS menu. It should read your call sign.

· Check the "DATA TX" setting in the APRS menu. It should read AUTO or PTT.

· Press [BCON] to turn the AUTO or PTT function ON.

· Check the "TX INTERVAL" setting in the APRS menu. It may be set too high.

· Check the TNC's "DCD SENSE" setting in the RADIO menu. If it is set to "BOTH BANDS", the TNC does not transmit when signals are present on both bands.

-----Original Message-----
From: Kevin Numbers, KC8MTV [mailto:kc8mtv@arrl.net]

I have been trying for a week to get into APRS with my new Kenwood TH-D7A. I have followed the manual, and I have entered the frequency of 144.390 for the Columbus, Ohio area, but I am not getting anywhere and it's getting me disappointed. Could somebody tell me exactly what the settings should be for the TH-D7A?

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56. [htaprs] Re: Replacement clips for TH-D7?

From: tgriff@ix.netcom.com (Tom Griffin)
Date: Thu, 15 Jul 1999 12:07:27 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30176-1999.07.15-11.17.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 15 Jul 1999 00:27:01 -0500, "Harry Burford" <hburford@airmail.net> wrote about [htaprs] Replacement clips for TH-D7?:

>Is Kenwood the only source for the clip that snaps onto the battery pack of
>the TH-D7? If replacement battery packs include that clip, then I guess it
>might be time for a spare battery. Didn't realize how easy that little clip
>was to loose.

I have the Maha MH-PB-34 which I use as the primary battery with Kenwood's as the backup. I just interchanged the clip from the Maha without difficulty on to the Kenwood battery.

Hope this helps.

73
Tom K4IIJ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

57. [htaprs] Re: Replacement clips for TH-D7?

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 15 Jul 1999 15:25:05 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30191-1999.07.15-14.33.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 7/15/99 1:27 AM, Harry Burford (hburford@airmail.net) passed this
wisdom:

>Is Kenwood the only source for the clip that snaps onto the battery pack of
>the TH-D7? If replacement battery packs include that clip, then I guess it
>might be time for a spare battery. Didn't realize how easy that little clip
>was to loose.
>
>
>Harry, KAØTTY

 keep it lost - don't replace it - buy the Kenwood soft case. If you use
the plastic belt clip and ctach the D& on something it wlll rip out a big
hunk of the battery pack ... several members of this SIG have already had
the dubious honor of this little tragedy!

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "I have got no further than this: Every man has a right to utter what he
   thinks truth, and every other man has a right to knock him down for it.
   Martyrdom is the test."   Samuel Johnson, 1780

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] RE: TH-D7A & APRS question

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 15 Jul 1999 15:26:54 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30192-1999.07.15-14.34.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 7/15/99 11:33 AM, Horzepa, Stan (Stan_Horzepa@adc.com) passed this
wisdom:

>From the optional TH-D7 Instrauction Manual (not the manual bundled with
>the radio):

 what manual are you talking about ... where does one get this manual ...
first I have heard of it!

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "The 2nd amendment guarantees all the rest."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] RE: TH-D7A & APRS question

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Thu, 15 Jul 1999 14:34:28 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30193-1999.07.15-14.44.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The TH-D7 Instruction Manual is contained on the CD-ROM that is bundled with the optional Kenwood PG-4W
PC Connection Cable.

-----Original Message-----
From: Brian B. Riley [mailto:brianbr@macconnect.com]

 what manual are you talking about ... where does one get this manual ...
first I have heard of it!

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] Help Needed: TH-D7 <--> Laptop Computer

From: "John R. Klim II" <jrklim@pop.erols.com>
Date: Thu, 15 Jul 1999 21:35:26 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30253-1999.07.15-20.41.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I need some help!

Rig: Kenwood TH-D7

Computer: Campaq.........: Laptop P2 266mhz
            OS.............: Win'98
            Software.......: DOS APRS 840

On my D7 I am able to receive the APRS packets. I can not get my DOSAPRS to
work with my HT. Listed below is what I am doing.

Connect Radio to Laptop on port COM1 (cable is from Kenwood)
Turn radio on
Power up Laptop
Execute DOSAPRS

After the computer boots up

Prompt -------------------------> Response
--------------------   --------------
Call ---------------------------> N3KHK
Operation ...Single-port [S] ---> s
Enter TNC [1, 2, ...[1] --------> 1
TNC Bandwi ... -----------------> 1200
Band ... [VHF] -----------------> (enter)
Type of TNC ... ----------------> Y
Dual Band... -------------------> N
PC Clock -----------------------> L
TIme ZOne ... [5] --------------> (enter)
--------------------------------> (enter)
(aprs.tel screen comes up)
--------------------------------> enter
message "APRS did not see a digipeat of your last packet."

I am new to APRS and can someone/anyone tell me what I am doing wrong.

Thanks in advance.

_____
John R. Klim
N3KHK

E-MAIL Internet   jrklim@erols.com

ARES P.G. County Maryland
RACES P.G. County Maryland

ARRL Life Member
AMSAT Life Member LM-2187
Fists 5015

10-X Life Member   68135
Springbok Chapter   1874
Chesapeake Bay Chapter   549
Branding Iron Chapter   1610   Points =   703
      Seals: Box C 1528
Pirates of the Mississippi   377 HM   Points = 7,853
      Seals: HK - 310, K - 287, 2K - 273, 3K - 262, 5K - 252
Flying Tigers Chapter   193 V5   Points = 150
      Seals: P12: 204P, P51: 608, P38: 609, P61: 610

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Re: Help Needed: TH-D7 <--> Laptop Computer

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 16 Jul 1999 08:25:02 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-30301-1999.07.16-07.33.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The TNC baudrate in the THD7 is 9600 baud. You are confusing the AX.25
on-air rate with the PC-to-TNC rate... CHange that to 9600 and it should
work.

bob

On Thu, 15 Jul 1999, John R. Klim II wrote:

> I need some help!
>
> Rig: Kenwood TH-D7
>
> Computer: Campaq.....: Laptop P2 266mhz
>   OS.....: Win'98
>   Software.....: DOS APRS 840
>
> On my D7 I am able to receive the APRS packets. I can not get my DOSAPRS to
> work with my HT. Listed below is what I am doing.
>
> Connect Radio to Laptop on port COM1 (cable is from Kenwood)
> Turn radio on
> Power up Laptop
> Execute DOSAPRS
>
> After the computer boots up
>
> Prompt -------------------------> Response
> --------------------   --------------
> Call ---------------------------> N3KHK
> Operation ...Single-port [S] ---> s
> Enter TNC [1, 2, ...[1] --------> 1
> TNC Bandwi ... -----------------> 1200
> Band ... [VHF] -----------------> (enter)
> Type of TNC ... ----------------> Y
> Dual Band... -------------------> N
> PC Clock -----------------------> L
> TIme ZOne ... [5] --------------> (enter)
> --------------------------------> (enter)
> (aprs.tel screen comes up)
> --------------------------------> enter
> message "APRS did not see a digipeat of your last packet."
>
>
> I am new to APRS and can someone/anyone tell me what I am doing wrong.
>
> Thanks in advance.
>
>
> ____
> John R. Klim
> N3KHK
>
> E-MAIL Internet   jrklim@erols.com
>
> ARES P.G. County Maryland
> RACES P.G. County Maryland
>
> ARRL Life Member
> AMSAT Life Member LM-2187
> Fists 5015
>
> 10-X Life Member   68135
> Springbok Chapter   1874
> Chesapeake Bay Chapter   549
> Branding Iron Chapter   1610   Points =   703
>   Seals: Box C 1528
> Pirates of the Mississippi   377 HM   Points = 7,853
>   Seals: HK - 310, K - 287, 2K - 273, 3K - 262, 5K - 252
> Flying Tigers Chapter   193 V5   Points = 150
>   Seals: P12: 204P, P51: 608, P38: 609, P61: 610
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
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62. [htaprs] TH-D7A & APRS Question Answered

From: "Kevin Numbers, KC8MTV" <kc8mtv@arrl.net>
Date: Fri, 16 Jul 1999 09:55:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30310-1999.07.16-09.01.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What an awesome list. I can't believe all of the responses I got to my
question about the TH-D7A & APRS. Thanks everybody !!!

    My problem the entire time was NOT the way I had my TH-D7A set up, BUT,
the fact that I was too far away to make the 144.390 machine on just 5watts
with my rubber-ducky antenna. So, I have connected my TH-D7A to my mobile
antenna and it works great. I went to the web site
http://maps.aprs.net/KC8MTV-7 and there I was. I can't believe how detailed
that web sites maps are. I am used to the DOS maps out there. If you go to
that site, just type in the call sign of the person your wanting to locate
in place of my call letters KC8MTV-7. Now, my NEXT project, to figure out
how to get my Garmin GPS 45 to transmit my Lat./Long. to my TH-D7A. I have
the cable made up and it doesn't seem to show my Lat./Long.. Anybody have a
Garmin GPS 45 working with their TH-D7A?

73's
Kevin Numbers, KC8MTV
E-Mail: kc8mtv@arrl.net
HomePage: http://www.greenapple.com/~knumbers

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] RE: TH-D7A & APRS question

From: Jon Ogden <jono@enteract.com>
Date: Fri, 16 Jul 99 09:55:30 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30314-1999.07.16-09.56.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The TH-D7 Instruction Manual is contained on the CD-ROM that is bundled
>with the optional Kenwood PG-4W PC Connection Cable.

Can one get that manual off the Kenwood website or do they stick you for
the CD-Rom. The CD-Rom is useless to me unless they have a Mac version
which I doubt!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] RE: TH-D7A & APRS question

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Fri, 16 Jul 1999 09:59:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30316-1999.07.16-10.09.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I do not believe that the TH-D7 Instruction Manual is on the Web site. (It was not there the last time I looked.)

Although the CD-ROM is intended for Windows, its format is also compatible with the MacOS and the manual's pdf files are useable on a Mac. (I use a Mac and I know this for a fact.)

The CD-ROM also contains the MCP-D7 software, which I have also used successfully on my Mac with SoftWindows. (Note that SoftWindows is not required to access the CD-ROM and to read the pdf's.)

Stan, WA1LOU

-----Original Message-----
From: Jon Ogden [mailto:jono@enteract.com]
Sent: Friday, July 16, 1999 10:56 AM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] RE: TH-D7A & APRS question

>The TH-D7 Instruction Manual is contained on the CD-ROM that is bundled
>with the optional Kenwood PG-4W PC Connection Cable.

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73,

Jon
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Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: STAN_HORZEPA@ADC.COM
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] RE: TH-D7A & APRS question

From: Karl Salisbury <cruz@magicnet.net>
Date: Fri, 16 Jul 1999 11:44:08 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-30318-1999.07.16-10.52.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The TH-D7A manual is located at

ftp://ftp.kenwood.net/e%3A/kenwood/kenftp/kenwood/Amateur/Instruction%20Manuals/

and the file is titled (appropriately enough) THD7A.pdf

Karl
KG4BNA

On Fri, 16 Jul 1999, Horzepa, Stan wrote:

> Date: Fri, 16 Jul 1999 09:59:46 -0500
> From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Subject: [htaprs] RE: TH-D7A & APRS question
>
> I do not believe that the TH-D7 Instruction Manual is on the Web site. (It was not there the last time
 I looked.)
>
> Although the CD-ROM is intended for Windows, its format is also compatible with the MacOS and the
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>
> The CD-ROM also contains the MCP-D7 software, which I have also used successfully on my Mac with
SoftWindows. (Note that SoftWindows is not required to access the CD-ROM and to read the pdf's.)
>
> Stan, WA1LOU
>
> -----Original Message-----
> From: Jon Ogden [mailto:jono@enteract.com]
> Sent: Friday, July 16, 1999 10:56 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] RE: TH-D7A & APRS question
>
>
> >The TH-D7 Instruction Manual is contained on the CD-ROM that is bundled
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> the CD-Rom. The CD-Rom is useless to me unless they have a Mac version
> which I doubt!
>
> 73,
>
> Jon
> KE9NA
>
>
> --
> The Second Amendment is NOT about duck hunting!
>
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: STAN_HORZEPA@ADC.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: cruz@magicnet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] RE: TH-D7A & APRS question

From: "Hufford, Kent V Mr IMCEN" <Kent.Hufford@HQDA.Army.Mil>
Date: Fri, 16 Jul 1999 12:40:18 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30322-1999.07.16-11.48.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think there are TWO TH-D7A Instruction Manuals...

One, that is on the web site, is about 100 pages, and is also printed and
given with each TH-D7A.

Then, according to Stan's review in QST, if you buy the cable and CD-ROM you get a TH-D7A "IN-DEPTH" Manual, that is 182 pages that is on the CD-ROM.

If there in fact is, I'd like the "In-depth" 182 page version... but have not decided to spend the extra money ..

Kent
KQ4KK

-----Original Message-----
From: bounce-htaprs-3650@lists.tapr.org
[mailto:bounce-htaprs-3650@lists.tapr.org]On Behalf Of Karl Salisbury
Sent: Friday, July 16, 1999 11:44 AM
To: TAPR HT APRS Special Interest Group
Cc: TAPR HT APRS Special Interest Group
Subject: [htaprs] RE: TH-D7A & APRS question

The TH-D7A manual is located at

ftp://ftp.kenwood.net/e%3A/kenwood/kenftp/kenwood/Amateur/Instruction%20Manuals/

and the file is titled (appropriately enough) THD7A.pdf

Karl
KG4BNA

On Fri, 16 Jul 1999, Horzepa, Stan wrote:

> Date: Fri, 16 Jul 1999 09:59:46 -0500
> From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Subject: [htaprs] RE: TH-D7A & APRS question
>
> I do not believe that the TH-D7 Instruction Manual is on the Web site. (It was not there the last time I looked.)
>
> Although the CD-ROM is intended for Windows, its format is also compatible with the MacOS and the manual's pdf files are useable on a Mac. (I use a Mac and I know this for a fact.)
>
> The CD-ROM also contains the MCP-D7 software, which I have also used successfully on my Mac with SoftWindows. (Note that SoftWindows is not required to access the CD-ROM and to read the pdf's.)
>
> Stan, WA1LOU
>
> -----Original Message-----
> From: Jon Ogden [mailto:jono@enteract.com]
> Sent: Friday, July 16, 1999 10:56 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] RE: TH-D7A & APRS question
>
>
> >The TH-D7 Instruction Manual is contained on the CD-ROM that is bundled
> >with the optional Kenwood PG-4W PC Connection Cable.
>
> Can one get that manual off the Kenwood website or do they stick you for
> the CD-Rom. The CD-Rom is useless to me unless they have a Mac version
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> 73,
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> Jon
> KE9NA
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> --
> The Second Amendment is NOT about duck hunting!
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> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>

> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: STAN_HORZEPA@ADC.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: cruz@magicnet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: KHUFFORD@EROLS.COM
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] RE: TH-D7A & APRS question

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Fri, 16 Jul 1999 12:07:37 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-30326-1999.07.16-12.17.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Let me try to clear this up...

There are two TH-D7 manuals.

The manual located at the Web site is the same manual that is bundled with the radio. It's title is "Instruction Manual" and its file name is "THD7A.pdf."

The manual that is contained on the CD-ROM, which is bundled with the optional Kenwood PG-4W PC Connection Cable, is NOT located at the Web site at this moment. To confuse matters its file name is "Instruction Manual.pdf."

73,

Stan "the Manual Man" Horzepa, WA1LOU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] RE: TH-D7A & APRS question

From: "Paul Knupke Jr." <pk@ij.net>
Date: Fri, 16 Jul 1999 13:12:33 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30327-1999.07.16-12.33.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> The manual that is contained on the CD-ROM, which is bundled with the
optional Kenwood PG-4W PC >Connection Cable, is NOT located at the Web site
at this moment. To confuse matters its file name is >Instruction
Manual.pdf."

Speaking of the PG-4W -- has anyone gotten theirs yet? Mine has been on
backorder since like March with HRO!!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] Re: TH-D7A & APRS Question Answered

From: Kraig <jellybean421@earthlink.net>
Date: Fri, 16 Jul 1999 12:10:02 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30337-1999.07.16-14.18.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:55 AM 7/16/99 -0400, you wrote:
>how to get my Garmin GPS 45 to transmit my Lat./Long. to my TH-D7A. I have
>the cable made up and it doesn't seem to show my Lat./Long.. Anybody have a
>Garmin GPS 45 working with their TH-D7A?
>
Kevin. The GPS does not change your position in the radio. If you are
using the GPS and have it enabled in the radio, the GPS becomes the
reporting entity, not the radio. You will not, at least I have never, see
the Long. Lat. figures change in the radio's display. It is simply
bypassed. Go to the site that you found on the internet. Make sure you
are being seen. Then, go out and drive around for a 10 minute jaunt. Set
your radio to automatically transmit every minute. Come home and you
should be able to see where you have been.

Like I said, I am no expert like a lot of these guys, but this is how I
figured all this stuff out. Good Luck.

73 de KD6FFF
Kraig in Santa Ana, CA
33.41.59 N
117.55.10 W

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] Re: TH-D7A & APRS Question Answered

From: John <jwhughes@bellsouth.net>
Date: Fri, 16 Jul 1999 16:10:03 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-30350-1999.07.16-15.44.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The lat/lon should display and change as your position changes in the menu
item aprs/position. Not sure what Kraig is referring to. I've watched this
change. Make sure nmea is enabled in the gps and gps in the radio. Sure
you'll get other's input.

73 de John, ks4xn

At 12:10 PM 7/16/99 -0700, you wrote:
>At 09:55 AM 7/16/99 -0400, you wrote:
>>how to get my Garmin GPS 45 to transmit my Lat./Long. to my TH-D7A. I have
>>the cable made up and it doesn't seem to show my Lat./Long.. Anybody have a
>>Garmin GPS 45 working with their TH-D7A?
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>Kevin. The GPS does not change your position in the radio. If you are
>using the GPS and have it enabled in the radio, the GPS becomes the
>reporting entity, not the radio. You will not, at least I have never, see
>the Long. Lat. figures change in the radio's display. It is simply
>bypassed. Go to the site that you found on the internet. Make sure you
>are being seen. Then, go out and drive around for a 10 minute jaunt. Set
>your radio to automatically transmit every minute. Come home and you
>should be able to see where you have been.
>
>Like I said, I am no expert like a lot of these guys, but this is how I
>figured all this stuff out. Good Luck.
>
>
>73 de KD6FFF
>Kraig in Santa Ana, CA
>33.41.59 N
>117.55.10 W
>
>
>---
>You are currently subscribed to htaprs as: jwhughes@bellsouth.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] RE: TH-D7A & APRS question

From: Gerry Paquette <ve2aw@total.net>
Date: Fri, 16 Jul 1999 23:06:56 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30387-1999.07.16-22.15.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I received mine about three weeks ago from Radioworld in Toronto, Ont, Canada. It is really a well buit shielded cable which includes a choke (to prevent RFI) which is sealed and part of the cable.

The PG-4W cable may be used either to access the D7A (either inputting frequency data and the likes) and/or to connect D7A to a PC or laptop and use it in the packet mode or even APRS for that matter. Tried both and everything works fine.

The CD ROM that comes with it includes the manual which was mentioned (is very well done and is even loaded with good reference information on APRS in general), a short video on APRS and the D7A and version 1 of the software which enables you to program the D7. It comes with two language options which are English and Japanese.

Hope you get yours soon Paul; 73

"Paul Knupke Jr." wrote:

> >
> > The manual that is contained on the CD-ROM, which is bundled with the
> optional Kenwood PG-4W PC >Connection Cable, is NOT located at the Web site
> at this moment. To confuse matters its file name is >Instruction
> Manual.pdf."
>
> Speaking of the PG-4W -- has anyone gotten theirs yet? Mine has been on
> backorder since like March with HRO!!
>
> ---
> You are currently subscribed to htaprs as: ve2aw@total.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Gérard (Gerry) Paquette
Canadian WinAPRS Support Site: http://www.qsl.net/ve2aw/
WinAPRS maps of some regions in Canada: ftp://ftp.qsl.net/pub/ve2aw/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] RE: PG-4W PC Cable & CD-ROM

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Sat, 17 Jul 1999 07:15:06 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30444-1999.07.17-09.23.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: application/x-pkcs7-mime

[No readable text body. See the preserved original monthly archive.]
[Inline non-text content: application/x-pkcs7-mime; 12,496 bytes]

73. [htaprs] Short-changed by HRO in Oakland...

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Sat, 17 Jul 1999 07:26:42 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30445-1999.07.17-09.34.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wonder which HRO outlet has Paul waiting on back-order? I'm not very happy with the Oakland store of HRO which substituted a no-name cable of inferior quality (no RF-Choke and no bundled CD-ROM) and then insisted that there is no difference to the original Kenwood cable product... :-(

Ed Braaten, K6EKB
mailto:k6ekb@arrl.net
http://home.sprynet.com/~ekb/

-----Original Message-----
From: Gerry Paquette [mailto:ve2aw@total.net]
Sent: 16 July 1999 20:07
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] RE: TH-D7A & APRS question

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Hope you get yours soon Paul; 73

"Paul Knupke Jr." wrote:

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> > The manual that is contained on the CD-ROM, which is bundled with the
> optional Kenwood PG-4W PC >Connection Cable, is NOT located at the Web site
> at this moment. To confuse matters its file name is >Instruction
> Manual.pdf."
>
> Speaking of the PG-4W -- has anyone gotten theirs yet? Mine has been on
> backorder since like March with HRO!!
>
> ---

--
Gérard (Gerry) Paquette
Canadian WinAPRS Support Site: http://www.qsl.net/ve2aw/
WinAPRS maps of some regions in Canada: ftp://ftp.qsl.net/pub/ve2aw/

You are currently subscribed to htaprs as: k6ekb@arrl.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

74. [htaprs] QST TH-D7 Product Review

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Sat, 17 Jul 1999 12:29:05 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30456-1999.07.17-11.43.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

QST has granted me permission to distribute copies of my Kenwood TH-D7 product review that appears in August QST. The file is in Adobe Acrobat pdf format and is 255 kbytes. Email me at wa1lou@arrl.net and I will email a copy back to you.

Stan, WA1LOU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

75. [htaprs] D7 not reading Garmin 12XL

From: Steve Prior <sprior_1952@yahoo.com>
Date: Sun, 18 Jul 1999 12:51:31 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-30539-1999.07.18-11.59.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am getting the blinking points on the D7 but the posit is not coming
through - just the default JJ00AA.

Have reset GARMIN 12 XL - the gps is displaying LAT/Long correctly.

Any suggestions?
Thanks
73
Steve
N3UYI

_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

76. [htaprs] Re: D7 not reading Garmin 12XL

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sun, 18 Jul 1999 14:10:10 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-30543-1999.07.18-14.17.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I am getting the blinking points on the D7 but the posit is not coming
>through - just the default JJ00AA.
>
>Have reset GARMIN 12 XL - the gps is displaying LAT/Long correctly.

Do a quick check that the GPS is in NEMA mode and NOT some other GARMIN mode.

Then test that you can see the ASCII NMEA data with a communication
program running at 4800 baud.

This will test your connector and wires.

As Charley Chan said: Wire that wiggle the voltmeter is the xmit line
from the GPS and should not be wired or to another xmit line.

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] new guy

From: RASNM@aol.com
Date: Sun, 18 Jul 1999 16:55:38 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30547-1999.07.18-16.04.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello List, I am Ron in Albuquerque. Passed my Technician test last week
but don't see my call sign on the web yet. My goal is Pactor on HF, but in
the mean time I would like to try some packet and APRS.

     I plan to purchase the TH-D7A as my first ham radio (Maybe from AES).
Your suggestions are invited !

      Question 1: I want a remote antenna for my car, the window edge clamp
on type. I think the D7A is not BNC. So I need an adapter or a compatable
antenna extension system. Any suggestions?

      I like the window idea because I will be able to lower the window and
get my car in the garage.

Thanks and 73's
Ron

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] MIR HELP

From: Jean Paul Pierrepont <crossbow@kconline.com>
Date: Sun, 18 Jul 1999 16:59:19 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-30552-1999.07.18-17.05.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey

I just got a NEW TH-D7A

Could someone either recopy or post the steps to setup the radio for
contacting MIR.

Thanks

Paul   KB9AVO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] Re: MIR HELP

From: "Harry Burford" <hburford@airmail.net>
Date: Sun, 18 Jul 1999 17:34:36 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30555-1999.07.18-17.42.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You can access the lists message archive at www.tapr.org and find lots of
good past discussion there.
Harry, KAØTTY

> I just got a NEW TH-D7A
>
> Could someone either recopy or post the steps to setup the radio for
> contacting MIR.
>
> Thanks
>
> Paul   KB9AVO

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80. [htaprs] Reference?

From: RASNM@aol.com
Date: Sun, 18 Jul 1999 19:20:18 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30558-1999.07.18-18.29.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to those responding to my antenna question. I noticed that ARRL has a
APRS book. Is this a good reference or is there another book a newcommer
should have? Favorite D7A web pages?   ron - albuquerque

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81. [htaprs] RE: mobile window mount for SMA?

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Sun, 18 Jul 1999 17:19:57 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: RASNM@aol.com
Message-ID: <LYR845-30563-1999.07.18-19.28.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

With so many SMA rigs & antennas on the market these days you'd think you
would have a choice between BNC & SMA on the window edge clamps Ron is
talking about below... Has anyone heard of an SMA version commercially
available? Or homebrew?

73, Ed

Ed Braaten, K6EKB
mailto:k6ekb@arrl.net
http://home.sprynet.com/~ekb/

-----Original Message-----
From: RASNM@aol.com [mailto:RASNM@aol.com]
Sent: 18 July 1999 13:56
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] new guy

      Question 1: I want a remote antenna for my car, the window edge clamp

on type. I think the D7A is not BNC. So I need an adapter or a compatable
antenna extension system. Any suggestions?

      I like the window idea because I will be able to lower the window and
get my car in the garage.

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82. [htaprs] RE: mobile window mount for SMA?

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sun, 18 Jul 1999 20:47:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-30572-1999.07.18-20.55.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>With so many SMA rigs & antennas on the market these days you'd think you
>would have a choice between BNC & SMA on the window edge clamps Ron is
>talking about below... Has anyone heard of an SMA version commercially
>available? Or homebrew?

No, but for $4 I got a BNC to SMA male adapter at hamcomm sidewalk sale.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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83. [htaprs] TH-D7A & GPS III+

From: Norman Huber <nihuber@ice.net>
Date: Mon, 19 Jul 1999 07:21:52 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30620-1999.07.19-07.30.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am having a problem.
I have the Garmen and D7A hooked up and on beacon. I see my transmitter
go on and see the message "My Packet". If I go back inside and look at
the maps.aprs.net site, there is nothing there.
Two people have said they have seen me mobile. Problem is they say I am
in Africa at N 00:00:00: W 00:00:00. Obviously I have a problem. Closest
I've been to
Africa is London and I didn't have APRS with me.
How do I get back to central Illinois?
The GPS display shows me exactly where I'm supposed to be on the maps
and has since I got the unit.
Last night I got desperate since I saw that other stations I knew were

about 30 miles from me were reported as 6900 miles NW of me. I proceeded
to get out the pin out plans I had and let myself be convinced that I
had data in and data out reversed and so I changed them. Same result.

--
Norm - N9ZKS
Bicyclist, Motorcyclist, Ham , Scouter
Year2000 Compliant

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84. [htaprs] Garmin GPS III Plus

From: GPersons <railfan@flash.net>
Date: Mon, 19 Jul 1999 09:38:00 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30642-1999.07.19-09.46.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know that we beat this one to death a while back. But I am thinking about
purchasing a Garmin GPS III plus and would like everybodies opinion on the
unit! How well does it work with the D7?

Thanks,

Gary

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Re: Garmin GPS III Plus

From: RASNM@aol.com
Date: Mon, 19 Jul 1999 11:07:31 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30644-1999.07.19-10.15.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/19/99 7:40:07 AM US Mountain Standard Time,
railfan@flash.net writes:

<< But I am thinking about
 purchasing a Garmin GPS III plus >>

Also... Have anyone interfaced the Magellan 320 ?

thanks - Ron

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] Re: TH-D7A & GPS III+

From: "Walter Dunckel" <wdunckel@best.com>
Date: Mon, 19 Jul 1999 08:12:30 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30645-1999.07.19-10.19.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

See if this helps:

http://www.best.com/~wdunckel/gps.htm

From: Norman Huber

>I am having a problem.
>I have the Garmen and D7A hooked up and on beacon. I see my transmitter
>go on and see the message "My Packet". If I go back inside and look at
>the maps.aprs.net site, there is nothing there.
>Two people have said they have seen me mobile. Problem is they say I am
>in Africa at N 00:00:00: W 00:00:00. Obviously I have a problem.I had and
let myself be convinced that I

>had data in and data out reversed and so I changed them. Same result.
>
>--
>Norm - N9ZKS

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87. [htaprs] Re: Garmin GPS III Plus

From: "Maxwell C. Lee" <n4nwd@bellsouth.net>
Date: Mon, 19 Jul 1999 11:37:48 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-30648-1999.07.19-10.46.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Gary,

I have 3 different Trackers setup and I use 2 GPSIII and 1 GPSIII+.
The GPSIII+ I use with my THD7a and I love it. I have both data in/out
connected - so its plots stations read as waypoints on the GPSIII+.

Hope this helps,

(((((: Mad Max :)))))
n4nwd@Bellsouth.net

GPersons wrote:

> I know that we beat this one to death a while back. But I am thinking about
> purchasing a Garmin GPS III plus and would like everybodies opinion on the
> unit! How well does it work with the D7?
>
> Thanks,
>
> Gary
>
> ---
> You are currently subscribed to htaprs as: n4nwd@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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88. [htaprs] July 20 deadline to vacate 145.79

From: Cap Pennell <cap@cruzio.com>
Date: Mon, 19 Jul 1999 08:44:08 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30650-1999.07.19-10.52.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The time has come! The reason APRS users have QSY'd to 144.39 across the
USA is upon us. The 25th and final SAREX shuttle mission, STS-93, is set
for launch on Tuesday, July 20. SAREX on STS-93 will use 145.800 as the
downlink frequency <http://garc.gsfc.nasa.gov/~kc6rol/sts93.html>.
I sure hope 145.790 is free of all APRS traffic by then! After all the
blood, sweat, and tears shed by our national APRS community to prepare for
this planned use of 145.80 as a downlink freq for manned space flights, we
sure don't want any APRSers to be accused of disrupting amateur
transmissions from space during this historic mission!
73, Cap KE6AFE
P.S. Please consider giving a listen on 145.79 (before July 20) to make
sure the freq's clear in your area, but remember to make sure you've
cleared off the freq by launch time (04:36:00 UTC on 1999-07-20).

--
Cap Pennell
Santa Cruz, CA 95062-1002   3658.93N/12200.91W [CM86xx]
email: cap@cruzio.com   home page: http://members.cruzio.com/~cap
packet radio: KE6AFE @ki6eh.#wcca.ca.usa.noam

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89. [htaprs] TH-D7A to Garmen III Plus problem Continued

From: Norman Huber <nihuber@ice.net>
Date: Mon, 19 Jul 1999 11:23:44 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30658-1999.07.19-11.32.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

First, let me thank everyone who replied to my original.
I had in fact used all of the suggestions from various earlier postings
and had not arrived at a solution. I did just now go out and push the
POS button on my THD7A. It did show the 00.00.000's but the decimals
were not flashing. I waited and nothing happened. I tried restarting
both units and no change. I then disconnected the cables and pushed the
POS button and still the same. Brings up the question, does the POS
button only read from the GPS interface or does it default to the
manually entered location I got from my Garmen and entered before I
built my cable.
I'm beginning to believe I need to verify outputs from the Garmen to the
miniature stereo plug and would like to know what I ought to be seeing.
Last night while re-terminating the garmen end I saw a square wave DC
signal on one of the conductors. Guess I'm asking what should I be
seeing on the tip, center and outer sleeve of the mini stereo from an
operating Garmen III Plus.
By the way I had piggy backed 12 v input in to both units which I feed
from a battery. That appears to work fine as the batteries in the unit
are not going down.

--
Norm - N9ZKS
Bicyclist, Motorcyclist, Ham , Scouter
Year2000 Compliant

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90. [htaprs] Re: TH-D7A & GPS III+

From: Robert Winingham <kc5ejk@onramp.net>
Date: Mon, 19 Jul 1999 17:54:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-30716-1999.07.19-18.02.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Two people have said they have seen me mobile. Problem is they say I am
>in Africa at N 00:00:00: W 00:00:00. Obviously I have a problem. Closest

When you go to MY position in the Th-D7a APRS setup menu what is displayed ?
That is your default that is sent when NOT using a GPS

To use a GPS you must set GPS unit item in the APRS menu
from not used to NMEA

If you need a new default there is a GPS position SAVE command or just
change it manually.

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

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91. [htaprs] Re: TH-D7A to Garmen III Plus problem Continued

From: Robert Winingham <kc5ejk@onramp.net>
Date: Mon, 19 Jul 1999 18:03:39 -0500

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-30717-1999.07.19-18.11.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

feed the GPS data into a computer port at 4800 baud and see what you see.

Most GPS output data voltage is TTL type levels ie zero to 4 volts.

Not the RS-232 voltage range of +- 5 to +- 12. The computer serial ports
seems to OK on the zero to 5 volts swings.

Std RS-232 xmit line will have a negative voltage when not sending data

But what the heck , there are only two wires , swap them

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

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92. [htaprs] New Mexico

From: RASNM@aol.com
Date: Mon, 19 Jul 1999 21:09:50 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30736-1999.07.19-20.19.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I ordered my D7A today.

Is there anyone else on this list from New Mexico?

Ron
(call sign pending)

35 Degrees 09.06 N
106 Degrees 41.30 W
elevation 5560

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93. [htaprs] RE: TH-D7A to Garmen III Plus problem Continued

From: "Hector M. Figueroa" <hfigueroa@earthlink.net>
Date: Mon, 19 Jul 1999 18:52:21 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30743-1999.07.19-21.02.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just a quick question, have you pressed Menu 2, 2, and set the gps mode to
NMEA on the THD7?

I havent seen anything from you with that on it. The POS page decimals will
only flash with a good signal coming in, and the position will only display
after about 10 seconds. If you have beeps set to all, you will get a
distinct beep when a good position has been acquired.

Good Luck,

Hector Figueroa - KE6VRL

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94. [htaprs] Continued D7A - II Plus Problem

From: Norman Huber <nihuber@ice.net>
Date: Tue, 20 Jul 1999 00:03:00 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-30774-1999.07.20-00.11.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thank you all for your suggestions. Most of them were things I had done
properly, but if nothing else, they eliminated points that could have
been changed to no avail.
We still have a problem.
This is to Robbie Robertson or any one who can explain. Is the blinking
decimals significant? We have solid decimals with or without the Garmen
plugged in. If I turn the source to "Not Used" the D7A sends the loaded
default location. With it set to NEMA it sends the 00.00.000.

We used a second GPS III + with the same effect.

We put a meter across tip to center and saw what looked like data stream
every second or so. I don't have the computer cable yet, still on
backorder.

We're suspicious that the D7A plug may not be making with the input plug
or could have a bad connection internally.

What is left to check?

--
Norm - N9ZKS
 Bicyclist, Motorcyclist, Ham , Scouter
 Year2000 Compliant

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95. [htaprs] Opening Xmit range...

From: Jim Duncan <ku0g@kcaprs.org>
Date: Tue, 20 Jul 1999 00:00:59 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30775-1999.07.20-00.14.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Where can I find the "MARS mods" for the D7A????
--
73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group, W0APR
First Alert Storm Team -- KMBC-TV
Mailto:ku0g@kcaprs.org
Webpage: http://www.kcaprs.org

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96. [htaprs] Re: Continued D7A - II Plus Problem

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 20 Jul 1999 00:32:25 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-30778-1999.07.20-00.40.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>We're suspicious that the D7A plug may not be making with the input plug
>or could have a bad connection internally.

Well the D7A is going to try to send data to the GPS when it gets
a position from another station. You can try to see that voltage.

Then you will know which wire is xmit from the D7A and ground.

There are two place to plug in, GPS and Computer, double check.

Try another plug and cable - Radio shack cell phone headset extended cable
is real cheep.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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97. [htaprs] Re: Opening Xmit range...

From: "Walter Dunckel" <wdunckel@best.com>
Date: Mon, 19 Jul 1999 23:25:07 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30788-1999.07.20-01.30.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You can find it at the bottom of this page.
http://www.best.com/~wdunckel/

From: Jim Duncan

>Where can I find the "MARS mods" for the D7A????
>--
>73 de Jim, KU0G

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98. [htaprs] KD5HTY

From: RASNM@aol.com
Date: Tue, 20 Jul 1999 08:51:11 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30805-1999.07.20-07.59.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI - My call sign was posted today at:
<A HREF="http://www.wm7d.net/fcc/call_report2.html">Callsign Search Results
</A> but I wont have my HT for a few more days. 73's - ron - Albuquerque

---
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99. [htaprs] Re: TH-D7A - can it tx on different frequencies?

From: "Chris Farmer" <caf7508@ksu.edu>
Date: Tue, 20 Jul 1999 9:1:17
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30821-1999.07.20-09.09.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sounds like an interesting project. I built something with similar
abilities as a telemetry system for a solar race car, Kansas State
University Apollo. That system used the TH-D7A at 9600baud as the radio
link between the race car and a laptop in a chase vehicle. The unit on the
race car used a Motorola HC-11 microcontroller to gather data and format it
for transmission through the D7. I would recommend something similar for
your application: connect both the GPS and whatever other data gathering
devices to an external microcontroller, then let the microcontroller format
and control data to the D7A. We never used multiple frequencies, but we
thought about it and it is possible, I think. Commands do exist to take the
D7A out of TNC mode from the command line (if only I remembered what it
was).
  Regarding the APRS formatting: it seemed a lot easier to just format the
strings on the microcontroller and then send them on the proper frequency
than to try to enter APRS mode. We never transmitted APRS, just a position
string with the other telemetry data.
  If this sounds like something people are interested in, drop me a
message. I'm writing a short paper on the project now for school,
summarizing performance during the race, and will put a pointer to the list
when I'm done. And if you think this part is cool, you should see the data
display software another team member developed.. very very nice.

  I hope this helped with your questions. In short, you can do about
anything.

Chris Farmer
Kansas State University.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] What's Kenwood Technical support phone number?

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Tue, 20 Jul 1999 10:35:57 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30829-1999.07.20-09.47.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Everyone on the list,

Last week I posted a problem with the SMC-34 changing between band A and B
even when the lock is enabled. The solution was 1) buying a new TH-D7 since
not all radios are experiencing the problem, or 2) to lower the volume on
the SMC-34. Those solutions are just unacceptable since the radio and mic
were design to work together. I wouldn't be so P.O. if I had purchased a
cheaper non-Kenwood mic, but I got the CDN$115 Kenwood mic to complete a
great APRS station.

Could someone send me Kenwood's Technical Support phone number?

Thanks

Daniel

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] support phone number?

From: RASNM@aol.com
Date: Tue, 20 Jul 1999 11:26:26 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30833-1999.07.20-10.36.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/20/99 7:41:22 AM US Mountain Standard Time,
LavoieDM@CSC-SCC.GC.CA writes:

<< Could someone send me Kenwood's Technical Support phone number?
  >>

Kenwood Customer Support is 310-639-5300 Long Beach CA. I tried to call them
yesterday but there was a 10 min wait. 73 - ron - KD5HTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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102. [htaprs] Re: support phone number?

From: Howard Hecht <st_rider@csi.com>
Date: Tue, 20 Jul 1999 12:21:22 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-30846-1999.07.20-11.29.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You could also try www.kenwood.net and then "contact us" to reach them by email.

Howard WA1LWD

RASNM@aol.com wrote:

> In a message dated 7/20/99 7:41:22 AM US Mountain Standard Time,
> LavoieDM@CSC-SCC.GC.CA writes:
>
> << Could someone send me Kenwood's Technical Support phone number?
>   >>
>
> Kenwood Customer Support is 310-639-5300 Long Beach CA. I tried to call them
> yesterday but there was a 10 min wait. 73 - ron - KD5HTY
>
> ---
> You are currently subscribed to htaprs as: st_rider@csi.com

> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] PG - 4W ??

From: RASNM@aol.com
Date: Tue, 20 Jul 1999 13:02:58 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30854-1999.07.20-12.16.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Friends, what is the deal with this computer cable for the D7A? I have
called several places and everyone has it on back order 73 - ron - KD5HTY
(sorry if this is a sore subject - new guy)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] FYI Kenwood PG-4W

From: RASNM@aol.com
Date: Tue, 20 Jul 1999 13:23:00 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30855-1999.07.20-12.31.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is email I just got from Kenwood:

Dear Kenwood Customer:

Thank you for your e-mail. The PG-4W comes with cable, and software. They
are backordered, and expecting our next shipment on 7/29/99. It can be
purchased at the amateur radio dealers. (end quote)

regards - ron

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] Re: PG - 4W ??

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 20 Jul 1999 13:04:22 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-30858-1999.07.20-13.12.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   Friends, what is the deal with this computer cable for the D7A? I have
>called several places and everyone has it on back order 73 - ron - KD5HTY
>(sorry if this is a sore subject - new guy)
>

you can make one in 8 mins
or you can convert the GPS cable to COMPUTER cable in 15 sec.

A radio shack 9-pin male to 9-pin female null modem adapter and
a male to male gender changer. This is just a quick way to swap pins
2 and 3 and you need only keep one cable around.

Both together are just 2 inches long.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] Fwd: ActiveWire USB Interface Kit ***

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 20 Jul 1999 20:15:29 -0400

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30884-1999.07.20-19.23.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I thought this might be of interest to our "hackers" ... 73 de brian,
ka2bqe

---------- Begin Forwarded Message ----------
Date: 7/19/99 11:30 PM
Received: 7/20/99 6:45 PM
From: MacDev-1 Moderator, MacDev-1@listmail.mactech.com
To: MacDev-1 (Moderated), MacDev-1@listmail.xplain.com

This message comes to you from MacDev-1(tm).
See below for more info on this list (including sub/unsub details).
_____

FOR IMMEDIATE RELEASE

ActiveWire, Inc. Announces a Universal Serial Bus (USB) Interface
Kit, ActiveWire(TM)-USB

PALO ALTO -- July 19, 1999 /Xpress Press/ -- ActiveWire, Inc., an
embedded technology company, announced the immediate availability of
its Universal Serial Bus (USB) interface kit, ActiveWire-USB.

ActiveWire-USB kit consists of example software and interface
hardware with programmable input/output pins that can interface to
many devices such as switches and LEDs. ActiveWire -USB allows
hobbyists and engineers to easily connect devices to the ubiquitous
USB interface instead of the old, slow RS-232 and parallel
interfaces. Applications include interfacing a pan/tilt head for a
small camera, robots, automating various high speed electronic
devices, and computer interface education.

"When I first tried to connect devices to USB, it was not easy," says
Mato Hattori, president of ActiveWire, Inc. "I decided to provide a
quick and easy way to interface to USB for engineers and hobbyists,
like me." Mato continues; "With ActiveWire-USB you can start
controlling your device from USB in moments instead of days."
ActiveWire-USB has the following features:
* Easily programmable with software development tools
* 24 MHz CPU core with USB
* Firmware downloadable via USB
* 16 bit parallel input/output
* Expandable add-on boards
* New firmware and scripts available from website
(http://www.ActiveWireInc.com)
* $59 + shipping and handling

ActiveWire-USB can be programmed from browser script (JavaScript) on
PC running Windows (R) 98. This feature will be available for
Macintosh in the near future. ActiveWire, Inc. can offer interface
design kits for other interface standards as well as drivers for
FreeBSD.

ActiveWire, Inc. was founded as a PicoStar company two years ago to
develop interface technologies that enhance the connectivity of
devices to personal computers and the Internet.

PicoStar, LLC is an incubator organization, providing funding and
support services for the startup of advanced technology companies.
PicoStar, LLC currently holds four businesses: NetEyes, Inc.,
ActiveWire, Inc., iWrap, and United Earth Networks. "A new business
can work more efficiently in an environment where all share resources
and stimulate each other," says Eric T. Brewer, president of
PicoStar, LLC.

Consumers can order ActiveWire-USB directly from ActiveWire, Inc. via
the Internet at http://www.ActiveWireInc.com/. Dealers and companies
interested in OEM arrangements can make inquiries to Eric T. Brewer
of PicoStar, LLC.
CONTACT:
Eric T. Brewer
President, PicoStar, LLC
650-493-4900
Eric@PicoStar.com
or
Mato Hattori
President, ActiveWire, Inc.

650-493-8700 (ext. 204)
Mato@ActiveWireInc.com

For more information on USB contact http://www.ActiveWireInc.com/USB.htm.

_____
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----------------- End Forwarded Message -----------------

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "If you see a man approaching you with the obvious intention   of doing
  you good, you should run for your life." Robert Heinlien's Lazarus Long

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] PG-4W cable.

From: WCovey@aol.com
Date: Tue, 20 Jul 1999 20:19:30 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30886-1999.07.20-19.28.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thought the group would be interested in this response from Kenwood......

Subj: RE: Request for help William Covey
Date: 7/20/99 17:23:26 Eastern Daylight Time
From: LFahmie@kenwoodusa.com (Leo Fahmie)
To: wcovey@aol.com

Dear Kenwood Customer:

Thank you for your e-mail. We are expecting a shipment of PG-4W 7/30/99.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] Re: D7A power plug filter

From: "Brian B. Riley" <brianbr@wulfden.org>
Date: Tue, 20 Jul 1999 20:28:24 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30888-1999.07.20-19.37.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 7/20/99 2:59 PM, Jack Coster (jcoster@wvu.edu) passed this wisdom:

>awhile back you suggested using a radio shack filter in the D7A power cable
>when connecting to a car's cig. lighter.
>
>I am unable to determine which filter(s) you were referring to. Can you
>say more?
>thanks
>Jack E. Coster

>Morgantown, WV
>
>

 I have the Radio Shack "20 AMP HEAVY DUTY NOISE FILTER" - Cat.No.
270-055 works just fine for me. I use the ground through the cigarette
lighter cord plus an additional wire directly to chassis/frame where
possible. I made a sort of general setup with the whole thing mounted in
a minibox (Radio Shack Cat.No. 270-238) with a switch, a "power on" LED
and a four arm "octopus" of red/black twin leads with Anderson Powerpoles
on them.

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "But it is said: Do not meddle in the affairs of wizards, for they are
  subtle and quick to anger."
       -- Gildor (_The Lord of the Rings_, by J.R.R. Tolkien)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] Re: PG - 4W ??

From: "Phil Greenland" <pgreen@axom.com>
Date: Tue, 20 Jul 1999 21:56:20 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30891-1999.07.20-21.03.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I ordered 3 of the cable (right angle 2.5 mm , 6 ft , tinned three conductor
cable) less the DB9 part number 172-2010 from Mouser Electronics. Phone #
1-800-346-6873 http://www.mouser.com And made up the computer and GPS
cables.
----- Original Message -----
From: <RA5NM@aol.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Tuesday, July 20, 1999 1:02 PM
Subject: [htaprs] PG - 4W ??

>
>   Friends, what is the deal with this computer cable for the D7A? I
have
> called several places and everyone has it on back order 73 - ron - KD5HTY
> (sorry if this is a sore subject - new guy)
>
> ---
> You are currently subscribed to htaprs as: pgreen@axom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] Kenwood Service

From: John Stengel <stengelj@fuse.net>
Date: Tue, 20 Jul 1999 23:56:16 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30909-1999.07.20-23.05.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just wanted to let everyone know about my experience with Kenwood's service
department. I was experiencing
low power output on my TH-D7A which was purchased in May, so Monday July 12
I sent it to Kenwood's Service
Center East in Virginia.

I was fully expecting not to see my radio again for several weeks. I was
totally shocked when it showed up
yesterday, July 19th repaired and working great.

Way to go Kenwood!

73's

John, W8UC

John Stengel
stengelj@fuse.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

111. [htaprs] TH-D7A Purchase?

From: "David Robertson" <drober05@tir.com>
Date: Wed, 21 Jul 1999 09:29:04 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30952-1999.07.21-08.37.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was on the verge of ordering a new TH-D7A and then discovered this wonderful mailing list. Now I'm having second thoughts. I'm really excited about the stuff the D7A can do but it sure sounds like a lot of list subscribers are having problems. Is it too early to buy this unit? Is Kenwood still working out the bugs?

Also, I'm wondering what the competition is doing. Certainly the other Ham equipment manufacturers are watching the response that the D7A has gotten. Would it make sense to wait to see what they come out with or is Kenwood just so far ahead in this area.

The D7A is great because it covers almost ALL of the ham modes I am interested in -- Packet, APRS, satellite, FM portable and mobile operation. All in a single HT!

I really want to buy one but now I'm wondering if it might be premature. I work in the software controls part of the auto industry and I know that the first production run on many products (and software) may be sub-optimal.

David Robertson
KC8JZX@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] Re: TH-D7A Purchase?

From: bobj <bobj@mediaone.net>
Date: Wed, 21 Jul 1999 09:47:12 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-30953-1999.07.21-08.52.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HI,

Too Early.. heck it's now mature!

I got my D7A back in november and had the early firmware that didn't work with all GPS's but it worked fine with my GPS II. About a month ago I sent it back to have a loose ant. connector replaced and the firmware was upgraded at thaty time.. I used it for Packet with a PC, DX cluster monitoring without a PC, and APRS as a tracker in the car and on a bicycle, winaprs with a PC at home.. etc.

Never had a problem except for the Ant jack after 7 months. I did move it around constantly (for a while the daily routine was: House to car, car to office, office to car, car to home.. more movement on weekends..). I probably wasn't to carefull about over-tightning the ant but the HT was repaired No Charge under warranty.

Love It!

David Robertson wrote:
>

> I was on the verge of ordering a new TH-D7A and then discovered this
> wonderful mailing list. Now I'm having second thoughts. I'm really excited
> about the stuff the D7A can do but it sure sounds like a lot of list
> subscribers are having problems. Is it too early to buy this unit? Is
> Kenwood still working out the bugs?
>
> Also, I'm wondering what the competition is doing. Certainly the other Ham
> equipment manufacturers are watching the response that the D7A has gotten.
> Would it make sense to wait to see what they come out with or is Kenwood
> just so far ahead in this area.
>
> The D7A is great because it covers almost ALL of the ham modes I am
> interested in -- Packet, APRS, satellite, FM portable and mobile operation.
> All in a single HT!
>
> I really want to buy one but now I'm wondering if it might be premature. I
> work in the software controls part of the auto industry and I know that the
> first production run on many products (and software) may be sub-optimal.
>
> ---------------------------------------
> David Robertson
> KC8JZX@arrl.net
>
> ---
> You are currently subscribed to htaprs as: BOBJ@MEDIAONE.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] Re: support phone number?

From: Steve Jones <sdjones@sympatico.ca>
Date: Wed, 21 Jul 1999 09:49:14 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30954-1999.07.21-08.57.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:26 AM 7/20/99 -0400, RASNM@aol.com wrote:
>In a message dated 7/20/99 7:41:22 AM US Mountain Standard Time,
>LavoieDM@CSC-SCC.GC.CA writes:
>
><< Could someone send me Kenwood's Technical Support phone number?
>   >>

Depending on which part of Canada you're in and what dealer you bought your
Kenwood from, you might be further ahead to give Kenwood Canada a call @
(905) 670-7211. I don't know if Kenwood USA would fix a Canadian bought
product under warranty.   Likewise, Kenwood Canada might not honour a US
warranty.

I had my THD7A in a couple of weeks back to have the antenna connector and
the battery sliding thingy on the bottom replaced. It was in on Monday and
out by Wednesday. Even got the firmware updated while it was in. Best
service I've ever had from Kenwood Canada (don't get me started on the
4month wait for a service manual for a 721).

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] Re: TH-D7A Purchase?

From: "Walter Dunckel" <wdunckel@best.com>
Date: Wed, 21 Jul 1999 07:02:38 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30955-1999.07.21-09.09.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don't be discouraged by the constructive criticism of this group. I would
say for the most part people are really enjoying their TH-D7's. A quick look
at used rigs will show you that people are not willing to give up their
D7's.

I think you will find that the things the TH-D7 does do well, much outweighs
the things it could do better.

I would suggest buying the TH-D7 if you are interested in its capabilities.
If something better does come up, (nothing comparable out there yet) you can
always sell your D7. Amateur equipment in very good condition retains its
value very well.

One word of caution for satellite work: The TH-D7's TNC will not operate in
Full Duplex. It will work fine for tx and rx for Mir, or receive only on the
Pacsats. However since the TNC cannot be sending data at the same moment it
is receiving data (Full Duplex), you cannot work Pacsats.... only receive.

Walter

http://www.radiohound.com

From: David Robertson

>I was on the verge of ordering a new TH-D7A and then discovered this
>wonderful mailing list. Now I'm having second thoughts. I'm really
excited
>about the stuff the D7A can do but it sure sounds like a lot of list
>subscribers are having problems. Is it too early to buy this unit? Is
>Kenwood still working out the bugs?
>
>Also, I'm wondering what the competition is doing. Certainly the other Ham
>equipment manufacturers are watching the response that the D7A has gotten.
>Would it make sense to wait to see what they come out with or is Kenwood
>just so far ahead in this area.
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>The D7A is great because it covers almost ALL of the ham modes I am
>interested in -- Packet, APRS, satellite, FM portable and mobile
operation.
>All in a single HT!
>
>I really want to buy one but now I'm wondering if it might be premature. I
>work in the software controls part of the auto industry and I know that the
>first production run on many products (and software) may be sub-optimal.
>
>---------------------------------------
>David Robertson
>KC8JZX@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] Re: TH-D7A Purchase?

From: RASNM@aol.com
Date: Wed, 21 Jul 1999 10:06:07 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30957-1999.07.21-09.16.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/21/99 6:31:14 AM US Mountain Standard Time,
drober05@tir.com writes:

<< The D7A is great because it covers almost ALL of the ham modes I am
 interested in >>

Hi David, I ordered one for the same reason. I am a new ham (kd5hty) and I
share your concerns and interests.......... but there seems to be a lot of
support on this list. I understand the Aug isssue of QST has a write up on
the unit. I got a fast response to one of my questions emailed to Kenwood.
Another member reported fast turn around repairs.

I was very concerned when I discovered that the computer cable/software is on
back order all around the country. But I learned on this list that one can
make your own cable and beta software is downloadable from Kenwood ftp.

73-ron-kd5hty-NM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

116. [htaprs] Re: TH-D7A Purchase?

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 21 Jul 1999 09:35:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30960-1999.07.21-09.44.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

David,

I know what you mean, I did not want to build a spark gap transmitter until they had all the bugs out of them. So when I was ready to build one the FCC had outlawed them! If you snooze you loose.

Go for it..

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Walter Dunckel [SMTP:wdunckel@best.com]
> Sent: Wednesday, July 21, 1999 9:03 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: TH-D7A Purchase?
>
> Don't be discouraged by the constructive criticism of this group. I would
> say for the most part people are really enjoying their TH-D7's. A quick
> look
> at used rigs will show you that people are not willing to give up their
> D7's.
>
> I think you will find that the things the TH-D7 does do well, much
> outweighs
> the things it could do better.
>
> I would suggest buying the TH-D7 if you are interested in its
> capabilities.
> If something better does come up, (nothing comparable out there yet) you
> can
> always sell your D7. Amateur equipment in very good condition retains its
> value very well.
>
> One word of caution for satellite work: The TH-D7's TNC will not operate
> in
> Full Duplex. It will work fine for tx and rx for Mir, or receive only on
> the
> Pacsats. However since the TNC cannot be sending data at the same moment
> it
> is receiving data (Full Duplex), you cannot work Pacsats.... only receive.
>
> Walter
>
> http://www.radiohound.com
>
> From: David Robertson
>
>
>
> >I was on the verge of ordering a new TH-D7A and then discovered this
> >wonderful mailing list. Now I'm having second thoughts. I'm really
> excited
> >about the stuff the D7A can do but it sure sounds like a lot of list
> >subscribers are having problems. Is it too early to buy this unit? Is
> >Kenwood still working out the bugs?
> >
> >Also, I'm wondering what the competition is doing. Certainly the other
> Ham
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> >Would it make sense to wait to see what they come out with or is Kenwood
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> >

> >The D7A is great because it covers almost ALL of the ham modes I am
> >interested in -- Packet, APRS, satellite, FM portable and mobile
> operation.
> >All in a single HT!
> >
> >I really want to buy one but now I'm wondering if it might be premature.
> I
> >work in the software controls part of the auto industry and I know that
> the
> >first production run on many products (and software) may be sub-optimal.
> >
> >---------------------------------------
> >David Robertson
> >KC8JZX@arrl.net
>
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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117. [htaprs] RE: What's Kenwood Technical support phone number?

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Wed, 21 Jul 1999 10:35:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "'htaprs digest recipients'" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30961-1999.07.21-09.47.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When I called, the Tech Support Guy knew who I was. Apparently, he reads
the SIG. He said he never heard of the SMC-34 band switching problem
before. Everyone who experienced the problem should call Kenwood Customer
Support at 310-639-5300.

I'm waiting for a PalmPilot modem cable to appear on Ebay, then I will use
my Pilot with the TH-D7. I hope I don't run into the same problem as you
did with the HP. I have heard of RF feeding back into the D7 through the
power plug but your problem seem different.

Daniel

> -----Original Message-----
> From: Bob Lovell [mailto:boterea@hotmail.com]
> Sent: Tuesday, July 20, 1999 19:09
> To: Lavoie Daniel (NHQ-AC)
> Subject: Re: [htaprs] What's Kenwood Technical support phone number?
>
>
> Hope you get a response from KenWood on this one. I've
> already experienced
> the same problems as you have noted.
>
> Wait until you use a PalmTop HP (using internal battery) and running a
> packet program, while the ThD7a is plugged into external
> power. This causes
> the TNC to do an 'Instant Reset'
>
> If I unplug the external power all is fine., and Packet works Great!!
>
> I'm using the same cable for packet as I do for my Garmin
> GPS-III Pilot
> GPS. (Soldered a DB-9 on it.) The THD7a work great in packet
> and APRS modes.
> "Wonder if there is a polarity problem in the external jack design?"
>
> As far as the Mic. I did discover all is fine if I leave the
> Mic. unlocked.
> (Hope Kenwood is listening) Yes, it is a problem that does need to be
> addressed.
>
> 73' Bob / KC0EFC
>
>
>
>

> ----- Original Message -----
> From: Lavoie Daniel (NHQ-AC) <LavoieDM@CSC-SCC.GC.CA>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Sent: Tuesday, July 20, 1999 9:35 AM
> Subject: [htaprs] What's Kenwood Technical support phone number?
>
>
> > Everyone on the list,
> >
> > Last week I posted a problem with the SMC-34 changing
> between band A and B
> > even when the lock is enabled. The solution was 1) buying
> a new TH-D7
> since
> > not all radios are experiencing the problem, or 2) to lower
> the volume on
> > the SMC-34. Those solutions are just unacceptable since
> the radio and mic
> > were design to work together. I wouldn't be so P.O. if I
> had purchased a
> > cheaper non-Kenwood mic, but I got the CDN$115 Kenwood mic
> to complete a
> > great APRS station.
> >
> > Could someone send me Kenwood's Technical Support phone number?
> >
> > Thanks
> >
> > Daniel
> >
> > ---
> > You are currently subscribed to htaprs as: kc0efc@amsat.org
> > To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> >
> >
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

118. [htaprs] Re: TH-D7A Purchase?

From: Norman Huber <nihuber@ice.net>
Date: Wed, 21 Jul 1999 09:56:14 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30968-1999.07.21-10.04.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

David Robertson wrote:

> I was on the verge of ordering a new TH-D7A and then discovered this
> wonderful mailing list. Now I'm having second thoughts. ....

I'm one of the ones writing with a "problem". The radio is GREAT! So is the
Garmen III Plus I'm interfacing to it.
The problem I'm having is my home made cable. It may be a bad jack or a plug.
The miniature plugs we buy are not built to some real standard. There are
different manufacturers making the after market pieces and parts and sometimes
plus or minus 10% is not good enough. I do wish Kenwood would put the second
manual on the web page. It is from the indications, the source of many answers
to the specifics of APRS, and packet operation.

--
Norm - N9ZKS
Bicyclist, Motorcyclist, Ham , Scouter
Year2000 Compliant

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

119. [htaprs] D7A Power plug

From: "Keith Schlottman" <schlottk@mmsi.com>
Date: Wed, 21 Jul 1999 08:08:07 -0700

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30972-1999.07.21-10.16.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use an Alinco filtered cigarette lighter adaptor (EDC-36) that I had from
an HT I owned several years ago. Simply snipped the plug and replaced it
with the proper size (available from Radio Shack), it's been working fine
with the TH-D7 for a couple of months now. No noise or reset problems.

I recently combined it with a Radio Shack 22-503 3 amp power supply (a
super-small switching ps, about the size of a handheld radio, with a cig.
lighter jack, $39.99) to run APRS from my office. This combo provides me a
very compact "base" setup so I can run APRS full-time without daily battery
recharging. It also makes it easy to take the radio with me when I leave at
night.

73 de KR7RK

Keith D. Schlottman, CPA
Modular Mining Systems, Inc.
e-mail: <schlottk@mmsi.com>
corporate web site: <http://www.mmsi.com>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

120. [htaprs] What's Kenwood Technical support phone number?

From: Steve Jones <sdjones@sympatico.ca>
Date: Wed, 21 Jul 1999 11:08:26 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30974-1999.07.21-10.39.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> > Wait until you use a PalmTop HP (using internal battery) and running a
> > packet program, while the ThD7a is plugged into external
> > power. This causes
> > the TNC to do an 'Instant Reset'

I had the same problem with my PalmPilot using an unfiltered power source
for the D7. I found that by switching from high to low power the problem
was solved. Haven't bought the official Kenwood power cable yet but I'm
assuming that will solve my problem.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

121. [htaprs] Re: D7A Power plug

From: david@baker.pc.my (David Baker)
Date: Thu, 22 Jul 1999 00:09:05 +0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30978-1999.07.21-11.39.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 21 Jul 99, at 8:08, Keith Schlottman wrote:

> I recently combined it with a Radio Shack 22-503 3 amp power supply (a
> super-small switching ps, about the size of a handheld radio, with a cig.
> lighter jack, $39.99) to run APRS from my office.

Do you remove the battery when you are running it from the mains? I just
got a couple of units to play with, and noticed that when I set them to
transmit, they keep resetting themselves if the battery is nearly flat. I was
a bit worried whether it is allowable to run them without the battery...

Dave
--

| David Baker | david@baker.pc.my |
Electronics Engineer	Kuala Lumpur, Malaysia

```
| http://www.geocities.com/SiliconValley/Vista/8552/ |
------------------------------------------------------

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

122. [htaprs] Re: TH-D7A Purchase?

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Wed, 21 Jul 1999 09:37:58 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30979-1999.07.21-11.45.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
I too was one of the skeptics who decided to wait until the next version of
the TH-D7A came out, however, when my house was burglarized and all of my
HT's were taken, I was in need of a new HT.  I bought the TH-D7A for a
replacement since I am in love with APRS.

I have had no regrets and the more I use the TH-D7A the better I like it!
So, I would strongly urge you to go for it.  It has a lot built into a
little box and I think Kenwood did a great job.  I use it with a Garmin III+
with their topo maps and that makes for a great combination.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>


> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of bobj
> Sent: Wednesday, July 21, 1999 6:47 AM
> To: TAPR HT APRS Special Interest Group
> Cc: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: TH-D7A Purchase?
>
>
> HI,
>
> Too Early.. heck it's now mature!
>
>
>    I got my D7A back in november and had the early firmware that didn't
> work with all GPS's but it worked fine with my GPS II. About a month ago
> I sent it back to have a loose ant. connector replaced and the firmware
> was upgraded at thaty time.. I used it for Packet with a PC, DX cluster
> monitoring without a PC,  and APRS as a tracker in the car and on a
> bicycle,  winaprs with a PC at home.. etc.
>
>  Never had a problem except for the Ant jack after 7 months. I did move
> it around constantly (for a while the daily routine was: House to car,
> car to office, office to car, car to home.. more movement on
> weekends..). I probably wasn't to carefull about over-tightning the ant
> but the HT was repaired No Charge under warranty.
>
>   Love It!
>
> David Robertson wrote:
> >
> > I was on the verge of ordering a new TH-D7A and then discovered this
> > wonderful mailing list.  Now I'm having second thoughts.  I'm
> really excited
> > about the stuff the D7A can do but it sure sounds like a lot of list
> > subscribers are having problems.  Is it too early to buy this unit?  Is
> > Kenwood still working out the bugs?
> >
> > Also, I'm wondering what the competition is doing.  Certainly
> the other Ham
> > equipment manufacturers are watching the response that the D7A
> has gotten.
> > Would it make sense to wait to see what they come out with or is Kenwood
> > just so far ahead in this area.
> >
> > The D7A is great because it covers almost ALL of the ham modes I am
> > interested in  -- Packet, APRS, satellite, FM portable and
> mobile operation.
> > All in a single HT!
```

> >
> > I really want to buy one but now I'm wondering if it might be
> premature. I
> > work in the software controls part of the auto industry and I
> know that the
> > first production run on many products (and software) may be sub-optimal.
> >
> > ---------------------------------------
> > David Robertson
> > KC8JZX@arrl.net
> >
> > ---
> > You are currently subscribed to htaprs as: BOBJ@MEDIAONE.NET
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

123. [htaprs] Re: D7A Power plug

From: Norman Huber <nihuber@ice.net>
Date: Wed, 21 Jul 1999 12:20:04 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-30985-1999.07.21-12.28.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Keith Schlottman wrote:

> I use an Alinco filtered cigarette lighter adaptor (EDC-36) that I had from
> an HT I owned several years ago. Simply snipped the plug and replaced it
> with the proper size (available from Radio Shack), it's been working fine
> with the TH-D7 for a couple of months now. No noise or reset problems.
>
> I recently combined it with a Radio Shack 22-503 3 amp power supply (a
> super-small switching ps, about the size of a handheld radio, with a cig.
> lighter jack, $39.99) to run APRS from my office. This combo provides me a
> very compact "base" setup so I can run APRS full-time without daily battery
> recharging. It also makes it easy to take the radio with me when I leave at
> night.

I think some of the reset problems have a simple explanation. When the radio goes on transmit, the voltage drops. when you're on low power talking to the local repeater, no problem. You get a comment, "You're a little scratchy into the repeater" up goes the power, down goes the power supply voltage. The same thing happens when you have a weak battery as it's drawing a lot of the available power from the charger/power supply. I used to do the same thing all the time with the better of the two RS regulated power supplies and my mobile used as a base.
This could also happen if you are using one of the small blokes designed to just provide enough power to supply the needed charging current for the battery. Fixed that with one of a friends home made 12 volt supplies. He prides himself on building a supply that you can put a one ohm resistor across and see a voltage drop of less than 0.01 volt.

--
Norm - N9ZKS
Bicyclist, Motorcyclist, Ham , Scouter
Year2000 Compliant

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124. [htaprs] Re: D7A Power plug

From: "Keith Schlottman, CPA" <kr7rk@earthlink.net>
Date: Wed, 21 Jul 1999 10:38:53 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30988-1999.07.21-12.47.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> Do you remove the battery when you are running it from the mains?
>

Yes, I do remove the battery, and it works just fine. My reason for
removing it is that I'm not sure if the radio will try to recharge the
battery, which I don't want since that would probably eventually trash the
Nicads. It also makes the system even more compact.

73 de KR7RK

Keith D. Schlottman, CPA
Modular Mining Systems, Inc.
e-mail: <schlottk@mmsi.com>
corporate web site: <http://www.mmsi.com>

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125. [htaprs] MCP_D7 version

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Wed, 21 Jul 1999 16:56:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31001-1999.07.21-16.07.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The version of the MCP_D7 that comes with the Kenwood PG-4W, is it the same
beta version found on the Kenwood site or is it less buggy?

Daniel

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

126. [htaprs] Talking to Hyperterminal

From: GPersons <railfan@flash.net>
Date: Wed, 21 Jul 1999 16:41:24 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31007-1999.07.21-16.49.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi group,
I have forgot. What baud rate does the d7 talk to Hyperterminal. I just
fired up Hyperterminal on my desk top and got the radio to talk but I have
a baud rate problem. I have changed the baud rate in the Hyperterminal
setup from 1200 up to 9600. Still jibberish.

Please don't flame me for using Hyperterminal. I know that there are better
terminal programs out there. But, Hyperterminal is free and no more than I
use it, it normally works for me.

Also, there is a fellow ham on the list that is having second thoughts
about the D7. I have had mine for several months and have had "0" problems
with it. I have used it for APRS and some packet. About the only criticism
I have is the software package. I feel that Kenwood needs to rework the
programming software so the frequencies are easier to move around. That
way, you can arrange them anyway you desire. But, that is just my opinion!
But the radio, you won't be sorry!

I ordered the PG-4W software and cable from AES and it took about a month
to receive it. It is worth the wait. The cable is VERY heavy duty and the
CD ROM, from the little I have explored it, is great. A lot of information
about APRS. Bite the bullet and order the cable form your favorite Ham
store. You won't be sorry you did.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

127. [htaprs] Re: MCP_D7 version

From: GPersons <railfan@flash.net>
Date: Wed, 21 Jul 1999 16:45:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-31009-1999.07.21-16.56.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No it is not. It is Version 1.1. I don't know about bugs but Kenwood still
needs to make the frequencies easier to move around.
73
Gary

At 04:56 PM 7/21/99 -0400, you wrote:
>The version of the MCP_D7 that comes with the Kenwood PG-4W, is it the same
>beta version found on the Kenwood site or is it less buggy?
>
>Daniel
>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] Talking to Hyperterminal

From: Robert Winingham <kc5ejk@onramp.net>
Date: Wed, 21 Jul 1999 19:06:30 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31017-1999.07.21-19.14.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on page 60 of my PDF copy of the TH-D7A manual
(the one on the web site)

* Transfer rate (TNC <-> Computer): 9600 bps
* Data length: 8 bit
* Stop bit: 1 bit
* Parity: Non
* Flow control: Xon/Xoff

I have not used Xon and Xoff in years but that's what it said.

The GPS baud rate is 4800
The HBAUD rate is 1200 or 9600

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

129. [htaprs] Re: MCP_D7 version

From: Gerry Paquette <ve2aw@total.net>
Date: Thu, 22 Jul 1999 07:37:40 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-31077-1999.07.22-06.56.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Daniel:

I don't know if this version is less buggy than the beta version (as I have
never tried the beta version) but what is included on the CD ROM is version
1. 73

"Lavoie Daniel (NHQ-AC)" wrote:

> The version of the MCP_D7 that comes with the Kenwood PG-4W, is it the same
> beta version found on the Kenwood site or is it less buggy?
>
> Daniel
>

Canadian WinAPRS Support Site: http://www.qsl.net/ve2aw/
WinAPRS maps of some regions in Canada: ftp://ftp.qsl.net/pub/ve2aw/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] RE: MCP_D7 version

From: "Lavoie Daniel (NHQ-AC)" <LavoieDM@CSC-SCC.GC.CA>
Date: Thu, 22 Jul 1999 10:14:41 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "'htaprs digest recipients'" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31096-1999.07.22-09.25.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is the $50 question (the price a PG-4W). In the beta version, when I
set a channel to decode AM, the HT is programmed with FM. The same goes, if
I manually program the HT to decode AM, the beta MCP_D7 reads FM.

Is this bug fixed in Version 1?

Daniel

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] Re: D7A Power plug

From: david@baker.pc.my (David Baker)
Date: Thu, 22 Jul 1999 22:09:20 +0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31098-1999.07.22-09.39.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 21 Jul 99, at 10:38, Keith Schlottman, CPA wrote:

> Yes, I do remove the battery, and it works just fine. My reason for
> removing it is that I'm not sure if the radio will try to recharge the
> battery, which I don't want since that would probably eventually trash the
> Nicads. It also makes the system even more compact.

Unfortunately, the power supply that comes with it can't handle the pace
when transmitting without a battery, so looks like I have to find something
bigger...

While I'm here, after having a quick play, and reading the instruction
manual, it appears that there is no way to set the radios up as
"transparent modems" so that I can hook an RS-232 source in to 1 radio
& have it transmit, even after a power failure. It appears I have to put it in
converse mode first by typing in a K. Anyone found a way around this?
Ideally I would prefer the radio to power up in converse mode...

Dave
--

```
-------------------------------------------------------
|      David Baker       |     david@baker.pc.my      |
|  Electronics Engineer  |   Kuala Lumpur, Malaysia   |
|-----------------------------------------------------|
| http://www.geocities.com/SiliconValley/Vista/8552/ |
-------------------------------------------------------
```

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

132. [htaprs] APRSplus

From: RASNM@aol.com
Date: Thu, 22 Jul 1999 13:47:18 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31105-1999.07.22-12.56.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone on this list know if

Brent Hildebrand's APRSplus software is compatable with the ARRL repeater map
CDROM?

http://www.tapr.org/~kh2z/aprsplus/

73's - ron - "who made his first TH-D7A repeater transmisstion today"

KD5HTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] APRS in Brazil?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 22 Jul 1999 16:54:03 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-31115-1999.07.22-16.02.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 16 Mar 1999, Rodrigues, Sr. Alex Pinheiro Machado wrote:

> Any ham working aprs in Brazil?
> DE pt2vhf
> Brasília, Brazil

I see you on APRServe. I just posted to TAPR some APRSdos maps of the
Brazilia area. These are about 30 miles radius around Brazilia. I think
you must already have some WinAPRS maps, but these APRSdos maps will let
anyone use APRSdos on old PC's very easy...

Get SAmaps06.zip which also has a new map of Equador too..

If you find anyone using APRSdos, I can make more maps like this for all
of Brazil.. but only if usage warrants it...

de WB4APR, Bob

ftp from tapr.org in the following directory:

aprssig/dosstuff/APRSdos

Get the latest APRSxxx.zip file (currently 842) and also the maps for your
area. These are of the form XXmapsVV.zip where the XX are the 5 regions
of the USA or EU for Europe, SA for South AMerica etc...

Be sure to unzip them using PKUNZIP -d to get the right directory
structure..

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] TH-D7A On Order

From: "David Robertson" <drober05@tir.com>
Date: Thu, 22 Jul 1999 18:27:33 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31120-1999.07.22-17.37.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok, I was convinced. I ordered my D7A just minutes ago.

David Robertson
KC8JZX@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] RE: What's Kenwood Technical support phone number?

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Thu, 22 Jul 1999 23:01:15 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31172-1999.07.23-01.10.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm still experiencing a problem where my D7 jumped to a different memory channel in spite of the fact that both the radio and microphone locks were enabled. I'm beginning to think the problem might be related to nearby strong RF. Can anyone else on the list correlate this with their experience?

Ed Braaten, K6EKB
mailto:k6ekb@arrl.net
http://home.sprynet.com/~ekb/

-----Original Message-----
From: Lavoie Daniel (NHQ-AC) [mailto:LavoieDM@CSC-SCC.GC.CA]
Sent: 21 July 1999 7:36
To: TAPR HT APRS Special Interest Group
Cc: 'htaprs digest recipients'
Subject: [htaprs] RE: What's Kenwood Technical support phone number?

When I called, the Tech Support Guy knew who I was. Apparently, he reads the SIG. He said he never heard of the SMC-34 band switching problem before. Everyone who experienced the problem should call Kenwood Customer Support at 310-639-5300.

I'm waiting for a PalmPilot modem cable to appear on Ebay, then I will use my Pilot with the TH-D7. I hope I don't run into the same problem as you did with the HP. I have heard of RF feeding back into the D7 through the power plug but your problem seem different.

Daniel

> -----Original Message-----
> From: Bob Lovell [mailto:boterea@hotmail.com]
> Sent: Tuesday, July 20, 1999 19:09
> To: Lavoie Daniel (NHQ-AC)
> Subject: Re: [htaprs] What's Kenwood Technical support phone number?
>
>
> Hope you get a response from KenWood on this one. I've
> already experienced
> the same problems as you have noted.
>
> Wait until you use a PalmTop HP (using internal battery) and running a
> packet program, while the ThD7a is plugged into external
> power. This causes
> the TNC to do an 'Instant Reset'
>
> If I unplug the external power all is fine., and Packet works Great!!
>
> I'm using the same cable for packet as I do for my Garmin
> GPS-III Pilot
> GPS. (Soldered a DB-9 on it.) The THD7a work great in packet
> and APRS modes.
> "Wonder if there is a polarity problem in the external jack design?"
>
> As far as the Mic. I did discover all is fine if I leave the
> Mic. unlocked.
> (Hope Kenwood is listening) Yes, it is a problem that does need to be
> addressed.
>
> 73' Bob / KC0EFC
>
>
>
>
> ----- Original Message -----

> From: Lavoie Daniel (NHQ-AC) <LavoieDM@CSC-SCC.GC.CA>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Sent: Tuesday, July 20, 1999 9:35 AM
> Subject: [htaprs] What's Kenwood Technical support phone number?
>
>
> > Everyone on the list,
> >
> > Last week I posted a problem with the SMC-34 changing
> between band A and B
> > even when the lock is enabled. The solution was 1) buying
> a new TH-D7
> since
> > not all radios are experiencing the problem, or 2) to lower
> the volume on
> > the SMC-34. Those solutions are just unacceptable since
> the radio and mic
> > were design to work together. I wouldn't be so P.O. if I
> had purchased a
> > cheaper non-Kenwood mic, but I got the CDN$115 Kenwood mic
> to complete a
> > great APRS station.
> >
> > Could someone send me Kenwood's Technical Support phone number?
> >
> > Thanks
> >
> > Daniel
> >
> > ---
> > You are currently subscribed to htaprs as: kc0efc@amsat.org
> > To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> >
> >
>

You are currently subscribed to htaprs as: k6ekb@arrl.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] packet

From: RASNM@aol.com
Date: Fri, 23 Jul 1999 10:26:13 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31193-1999.07.23-09.34.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can someone recommend a shareware terminal program so I can try some
packet with my new TH-D7A. I made the cable. thanks

ron-KD5HTY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] Re: APRSplus

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Fri, 23 Jul 1999 09:23:01 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31208-1999.07.23-10.32.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Subject: APRSplus
>From: RASNM@aol.com
>Date: Thu, 22 Jul 1999 13:47:18 EDT

>Does anyone on this list know if Brent Hildebrand's APRSplus software is >compatable with the ARRL
repeater map CDROM?

As a long time DeLorme Street Atlas user (versions 3, 4, 5, 6, and now back to 5 again), I can report
that Street Atlas has no apparent options for alternate sources of map data other than itself (or maybe
DeLorme Map'n'Go too?). Unless of course somebody figured out a clever hack.

APRSplus "drives" Street Atlas SW, so whatever Street Atlas does for you in terms of maps is what you'll get when APRSplus is at the controls.

Are you an owner of the ARRL CDROM that is trying to leverage that investment, without the additional expense of buying Street Atlas? You'll have to ask Brent if APRSplus has an option for controlling the ARRL SW instead of the DeLorme SW.

73,
Tony Arnerich KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] D7A to PC ?

From: RASNM@aol.com
Date: Fri, 23 Jul 1999 16:45:49 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31237-1999.07.23-15.57.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Friends ! I am trying to convice myself that my new D7A is communicating with my computer. I have downloaded the memory control beta program from Kenwood but when I try to read, there is a "communication timeout error."

Can someone give me some tips, I have made a proper cable. TNC selected.

73-ron-kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] D7A to PC memory control??

From: RASNM@aol.com
Date: Fri, 23 Jul 1999 17:50:16 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31241-1999.07.23-17.03.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ver .01 Beta

MCP-D7 "communication timeout error" continues

Thanks Stan and Robbie

In a message dated 7/23/99 1:59:08 PM US Mountain Standard Time,
rrobertson@ameritech.net writes:

<< If the port and baud rate is okay >>

Do I need to set the baud rate in the D7A? OK TNC not selected now. I am just trying to read data now. Tried both coms but I am sure it is 2 on this Aptiva.

The manual says TXD is center conductor on plug which should go to the DB-9 "female" pin 3 (center top row). I have wired this as if the diagram is the business end (not the soldering end).

I cant find any paramiter setup in the beta software, like baud or anything else besides "com"

thanks for considering this

ron

I have ordered the Kenwood cable and software, I wish they would publish (make download avalable) the manual, so I could work on this.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] memory control

From: RASNM@aol.com
Date: Fri, 23 Jul 1999 22:15:56 EDT

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31254-1999.07.23-23.27.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/23/99 4:00:56 PM US Mountain Standard Time,
rrobertson@ameritech.net writes:

<< use a dumb
 terminal program like Procomm Plus to communicate with
 something that appeared to not be working. >>

I appreciate the several responses to my question. I will be trying a few
things now. 73-ron-kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] Mem control fixed

From: RASNM@aol.com
Date: Sat, 24 Jul 1999 08:06:02 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31287-1999.07.24-07.15.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

RE: Memory control/cable problem on D7A

    Ok I got it. Wireing problem. The instructions in the manual can be very
confusing. I am pleased that the radio is not damaged but a little miffed at
Kenwood. Well now I will see if I can get my GPS to communicate. 73s-ron-NM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

142. [htaprs] D7 and Garmin not talking Pt 2

From: "Steve Prior" <sprior@nfdc.net>
Date: Sat, 24 Jul 1999 09:42:22 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31295-1999.07.24-08.50.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have had problems with the D7 taking the positions from the Garmin 12XL. This setup has been working
successfully for several months. All connections have been checked and rewired. Settings on d7 as per
manual and GPS with NMEA/NMEA.
I am getting blinking indicators on the D7 and waypoints noted on the GPS screen. It seems it is
receiving waypoints but the radio is not taking the posit info from the GPS.
I guess the real mystery is why did this all of sudden stop working when nothing changed?
Thanks
Steve
N3UYI

143. [htaprs] TH-D7A to Psion 5 Interface Problem

From: "Randy" <wa2age@inreach.com>
Date: Sat, 24 Jul 1999 07:26:25 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31304-1999.07.24-09.34.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HI,

I have been trying to get my Psion 5 to communicate with the radio using the
PC port into the TNC.

No matter what I type in I get a EH? back when I enter RETURN. The radio
does echo back what I type in.

Using the same cable, it works fine on my Psion 3A and PC.

Any ideas what is going on?

Randy
WA2AGE

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] Garmin GPS III + and the D7

From: GPersons <railfan@flash.net>
Date: Sat, 24 Jul 1999 10:17:10 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31310-1999.07.24-10.25.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got my Garmin GPS III +. It is *far* more that I expected. I have been
driving around and beaconing APRS with my D7. I like the way that the D7
puts other stations on the GPS map. Great job Garmin. Now if I can just
figure out a way to make the screen larger! Thanks to all who replied to my
previous post about the GPS III +.

Does anybody on the SIG have any experienced with the various CD that are
available for the III+?

Thanks again and 73

Gary
KD5DAY

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] GPS + TH-D7

From: "r bratberg" <rb95403@aol.com>
Date: Sat, 24 Jul 1999 19:8:56
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31341-1999.07.24-19.17.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the Garmin GPS III+, the received APRS stations appear on the "Moving
Map," do they?

If so, this would make the GPS III similar, wouldn't it, to the Palm Pilot
with a pocketAPRS program running, without the Palm Pilot?! Better, in
fact, because the Palm Pilot with pocketAPRS does NOT have GPS input.

On my Garmin GPS 12, the received stations appear on the waypoint list, but
NOT on the moving map.

Any suggestions?

Thanks!   73 Bob KE6TIV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] Re: GPS + TH-D7

From: Walter Dunckel <wdunckel@best.com>
Date: Sat, 24 Jul 1999 18:21:28 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-31346-1999.07.24-20.37.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

r bratberg wrote:
>
> On the Garmin GPS III+, the received APRS stations appear on the "Moving
> Map," do they?
>
"snip"
> On my Garmin GPS 12, the received stations appear on the waypoint list, but
> NOT on the moving map.
>
> Any suggestions?
>
> Thanks!   73 Bob KE6TIV

Buy a GPS III or GPS III+!

(Really I don't think the GPS 12 is supposed to support this feature)

Walter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] TH-D7 and KISS

From: Roger Barker <roger@peaksys.demon.co.uk>
Date: Sun, 25 Jul 1999 10:21:47 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31398-1999.07.25-07.33.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know the current situation regarding the KISS bug in the
TH-D7? Have Kenwood in the USA given any sort of time scale for fixing
it?

Also, does anyone know exactly what the bug is? I know that it will rx
ok in KISS mode but not tx, but is it because it is expecting a data
format other than normal KISS, rather than it just not working at all?

--
Roger Barker, G4IDE roger@peaksys.demon.co.uk
Boston, UK   http://www.peaksys.demon.co.uk

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] Re: TH-D7 and KISS

From: RASNM@aol.com
Date: Sun, 25 Jul 1999 09:12:55 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31399-1999.07.25-08.21.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/25/99 5:26:49 AM US Mountain Standard Time,
roger@peaksys.demon.co.uk writes:

<< Does anyone know the current situation regarding the KISS bug in the
 TH-D7? >>

try sending them email at: <A
HREF="http://www.kenwood.net/ama_page.cfm">http://www.kenwood.net/ama_page.cfm
</A>   "contact us".

"got my Magellan 320 gps talking to D7A yesterday and transmitted to a local
repeater but I dont know if anyone received it. Added my email address to the
message."   I assume that MY PACKET means that I have received my own data
from the repeater. Is there a way to view this in the "list" feature ?

73-ron-kd5hty-New Mexico

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] Re: Garmin GPS III + and the D7

From: John W Wilson <z004391b@bc.seflin.org>
Date: Mon, 26 Jul 1999 07:51:27 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-31516-1999.07.26-06.59.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I bought the CD. I can get about 1300kb of map, which is about the
density of Broward and Dade counties (Fort Lauderdale and Miami) before
the thing says that it is full. The maps are broken up into sections that
are convenient to work with, ie: Broward county is 2 or 3 sections and I
can put the central and South sections of the county in the GPS. The
streets are about like what you may see with any other mapping program and
may become very cluttered on the small screen. Water detail is pretty
good, and you can see some navigational markers on the coastal areas.

It just takes a minute or two to upload the maps to the GPS. To select a
section to upload you just click on an outlined section on the computer
screen. The updated program, from the Garmin.com web site, allows you to
do a search for cities now. (You need the CD for the update to work).

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sat, 24 Jul 1999, GPersons wrote:

> Got my Garmin GPS III +. It is *far* more that I expected. I have been
> driving around and beaconing APRS with my D7. I like the way that the D7
> puts other stations on the GPS map. Great job Garmin. Now if I can just
> figure out a way to make the screen larger! Thanks to all who replied to my
> previous post about the GPS III +.
>
> Does anybody on the SIG have any experienced with the various CD that are
> available for the III+?
>
> Thanks again and 73
>
> Gary
> KD5DAY
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] date stamp on thd7

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 26 Jul 1999 09:00:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31525-1999.07.26-09.08.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I noticed that when I press the "beacon" button on the D7 It is sending a
date time stamp! (and it is the correct date and time). I see no way to set
the date and time in the D7. My only guess is that when I had my GPS
connected to the radio it must have set the date and time.

Is this another great hidden feature of the D7?

    Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] Re: date stamp on thd7

From: Dave Armbrust <ae4mr@iasonline.com>
Date: Mon, 26 Jul 1999 11:02:02 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-31528-1999.07.26-10.12.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I believe what you are seeing here is the date and time stamp that your APRS
program is applying to all incoming traffic.

--
Dave Armbrust mailto:ae4mr@arrl.net
(941)923-1688 Fax: (941)929-0040

Where am I? http://map.aprs.net/ae4mr-9

"Hazen, Dwight L" wrote:

>
> I noticed that when I press the "beacon" button on the D7 It is sending a

> date time stamp! (and it is the correct date and time). I see no way to set
> the date and time in the D7. My only guess is that when I had my GPS
> connected to the radio it must have set the date and time.
>
> Is this another great hidden feature of the D7?
>
>   Dwight
>
> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
>
> ---
> You are currently subscribed to htaprs as: ae4mr@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] RE: date stamp on thd7

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 26 Jul 1999 10:12:17 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-31529-1999.07.26-10.22.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I agree, that it might be coming from the program (aprsd210) but I do not
see the "@" stamp on other stations. guess I need to hook up a dumb terminal
to an tnc to check it out.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Dave Armbrust [SMTP:ae4mr@iasonline.com]
> Sent: Monday, July 26, 1999 10:02 AM
> To: Hazen, Dwight L
> Cc: TAPR HT APRS Special Interest Group
> Subject: Re: [htaprs] date stamp on thd7
>
> I believe what you are seeing here is the date and time stamp that your
> APRS
> program is applying to all incoming traffic.
>
> --
> Dave Armbrust mailto:ae4mr@arrl.net
> (941)923-1688 Fax: (941)929-0040
>
> Where am I? http://map.aprs.net/ae4mr-9
>
>
>
> "Hazen, Dwight L" wrote:
>
> >
> > I noticed that when I press the "beacon" button on the D7 It is sending
> a
> > date time stamp! (and it is the correct date and time). I see no way to
> set
> > the date and time in the D7. My only guess is that when I had my GPS
> > connected to the radio it must have set the date and time.
> >
> > Is this another great hidden feature of the D7?
> >
> >   Dwight

> >
> > Dwight L. Hazen, Indiana University, UITS
> > Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> > http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
> >
> > ---
> > You are currently subscribed to htaprs as: ae4mr@arrl.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

153. [htaprs] Re: GPS + TH-D7

From: Dave Armbrust <ae4mr@iasonline.com>
Date: Mon, 26 Jul 1999 11:34:26 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31538-1999.07.26-10.45.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

r bratberg wrote:

> On the Garmin GPS III+, the received APRS stations appear on the
"Moving
> Map," do they?

Yes, they do. When their positions change they change on the map too.
Not only does the D7 plus a Garmin III+ make the smallest tracker I am
aware of it also rivals a full blow computer running APRS if it were not
for the screen size and the mono vrs. color. In many ways I prefer the
Garmin III+ to my laptop as the laptop is always one minute (beacon
rate) behind and it is hard to find the right keys on the laptop while
you are driving at night. With the D7 plus Garmin III+ you got it all
you get "Real maps", messages, weather stations, etc. all in a package
small enough to sit right on your dash right in front of your eyes.

This is APRS at it's finest!
--
Dave Armbrust mailto:dave@iasonline.com
President - Insurance Agency Systems, Inc.
(941)922-8857 Fax: (941)929-0040

Where am I? http://map.aprs.net/ae4mr-9

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] D7/II+ Barefoot on the Road from VT to NJ and back

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 26 Jul 1999 16:07:05 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31569-1999.07.26-15.15.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, off to scenic sunny (and bloody awful hot!) NJ with my newly wired
tracker ...

... first a little comic relief. Thursday nite I spent wiring the Gramin
cable to a D7 cable and external power for both and had it all up and
seemingly running but was positive something was working right ... Great
Realization Numero 1 - even with GPS the D7 sends it all in Mic-E
compressed format ... OK not very funny and i should known that by now
... but this did lead to me the next realization, but not before unwiring
and rewiring and cussing and pounding things for 30 minutes ... Great
Realization Numero 2 - the reason the D7 kept emitting the same beacon
was that my workbench, upon which the Garmin GPS II+ was resting, wasn't

moving! D'uh!

OK the trip., I wanted to run the D7 barefoot, that is hooked to a 5/8ths roof mount antenna but no brick. here is what i found in trip from NWVT to SNJ.

1) VT - my own wide digi KA2BQE-3 covers fine Burlington to just above the Bristol area where its has many highjly defined shadows.

2) the route over VT 17 to VT 22A donw towards FairHaven and Whitehall NY is mostly spotty. Occasionally you can get a beacon through to BQE-3 or WA2UMX

3) From Whitehall to Queensbury (I87 Exit 20) WA2UMX is very spotty but there.

4) Down I-87 towards Albany WA2UMX is OK from Ex 20 down to Ex 15 and preety spotty below. WB2QBQ should kick in closer to Albany but I copied one posit from him total in both directions of the trip but heard him digipeating on and off.

5) general coverage south from Albany on NY Thruway is very spotty and its hit or miss.

6) about Poughkepsie you start to get pretty solid coverage (damned talkie never shut up! hi!) all the way down to I287 into NJ to the Garden State Parkway as far as Tom's River where I was going.

7) heading West on NJ 70 towards Cherry Hill from the shore is a black hole until you get to the area between Four Mile Circle (NJ 72) and Red Lion Circle (US 206) , then coverage is good again.

I used the talkie with the roof antenna the whole time. I had beacon at 2 or 3 minute rates. I like the idea that it has different tones for good packets, "my packets", etc.

I used the EMAIL function several places in NJ and NY and when I got home to my fiance's house late Sunday nite to send emails to various people and in every case I had an "ACK" from WU2Z inside of five minutes.

I think the D7/II+ is a dynamite package. Now what I want to do is put a KPC3+ and have it connected to my TM261 in the car with the software UART for the GPS when I am driving ... then when I am out of the car use the D7/II+ and atake advantage of the car rig as "RELAY" ... then after that I am gonna get a life ... d'uh!

All in all I felt it went fairly well and the D7 seemed to do just fine in the frantic APRS environment of Central and Northern NJ. I think a 25 watt brick might be helpful.

Now. does anyone know how to quickly delete large amounts of waypoints from the II+ without having to delete them all in one shot?

There was some discussion/question about the 'ticking sound' the D7 makes. From this weekend's experience it seems to me that the D7 'ticks' when GPS-NMEA is activated and it is not getting valid fixes. I noticed it when I had the II+ on the bench in the shadow of a metal shelf and it had lost lock ... when I put it back on the window sill so it could 'look' out the window for satellites and its lock returned, the D7 gave the multi-note sound (which I believe means "good GPS data") and the ticking stopped.

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "Saying windows 95 is equal to Macintosh is like finding a potato
  that looks like Jesus and believing you've seen the Second Coming."
  -- Guy Kawasaki (MacWorld, Nov '95)

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] THD7 offsets?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 26 Jul 1999 16:35:44 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-31571-1999.07.26-15.44.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

While preparing for SAREX with the THD7 I suddenly realized that I could
not dial in an offset of -1.31 MHz to match the 145.800 and 144.49
requirement. Operating dual band does not help, since the TNC must be on
one band or the other.

Am I overlooking something obvious? (maybe the manual...)
(my offset only tunes in 50 KHz steps)

bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] Re: THD7 offsets?

From: Jon Ogden <jono@enteract.com>
Date: Mon, 26 Jul 99 16:18:08 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31573-1999.07.26-16.19.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:

>While preparing for SAREX with the THD7 I suddenly realized that I could
>not dial in an offset of -1.31 MHz to match the 145.800 and 144.49
>requirement. Operating dual band does not help, since the TNC must be on
>one band or the other.
>
>Am I overlooking something obvious? (maybe the manual...)
>(my offset only tunes in 50 KHz steps)

I forget how to do it, but you should be able to program a memory channel
with odd splits. It talks about this in the manual. You wouldn't use an
offset but I think you program two specific frequencies. There should be
a way to change the step size as well. Wish I had my manual in front of
me at the office, but I don't. There's gotta be a way to do it!

Why does operating dual band not help? You transmit on one frequency and
listen on the other. Should work just fine.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

157. [htaprs] Re: GPS + TH-D7

From: GPersons <railfan@flash.net>
Date: Mon, 26 Jul 1999 16:22:52 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-31575-1999.07.26-16.31.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well put! I am considering retiring my laptop and using only the D7 and the
GPS3+. I am one of the recovery team members for the North Texas Balloon
Project and this my just be the ticket for tracking the balloon. The *only*
drawback I can see is the small screen. I find that it can become *very*
cluttered in a very short time. I may have to use my laptop and TNC for the
final chase. We are going to hopefully launch in the fall and I will post
to the SIG.
I think Garmin has out done them selves with this one. Does anybody know if
the Street Pilot will do what the GPS III+ will do? If so I might have to
invest in one of them for the balloon chase! Oh goody, where does this
stop? (hi hi)

73 and Happy APRSing!

Gary

BTW: What is a "full blow" computer? ;)

At 11:34 AM 7/26/99 -0400, you wrote:
>r bratberg wrote:
>
>> On the Garmin GPS III+, the received APRS stations appear on the
>"Moving
>> Map," do they?
>
>Yes, they do. When their positions change they change on the map too.
>Not only does the D7 plus a Garmin III+ make the smallest tracker I am
>aware of it also rivals a full blow computer running APRS if it were not
>for the screen size and the mono vrs. color. In many ways I prefer the
>Garmin III+ to my laptop as the laptop is always one minute (beacon
>rate) behind and it is hard to find the right keys on the laptop while
>you are driving at night. With the D7 plus Garmin III+ you got it all
>you get "Real maps", messages, weather stations, etc. all in a package
>small enough to sit right on your dash right in front of your eyes.
>
>This is APRS at it's finest!
>--
>Dave Armbrust mailto:dave@iasonline.com
>President - Insurance Agency Systems, Inc.
>(941)922-8857 Fax: (941)929-0040
>
>Where am I? http://map.aprs.net/ae4mr-9
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>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

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158. [htaprs] Low Audio Volume

From: "Bob Lovell" <kc0efc@amsat.org>
Date: Mon, 26 Jul 1999 18:34:21
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31584-1999.07.26-18.43.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

While running VHF/VHF on my D7a I must have bumped the joystick and placed
the same stored frequency on both selections. The problem was I could
barely hear the audio... But after noticing it and advancing the secondary
one one position, audio returned to normal.

Has anyone else run across this?

73' Bob / KC0EFC

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159. [htaprs] Re: THD7 offsets?

From: "Walter Dunckel" <wdunckel@best.com>
Date: Mon, 26 Jul 1999 17:33:02 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31591-1999.07.26-19.38.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The easiest way to do this is with Kenwoods software. Double click the
memory channel that you want to program this into. Then select Split
Channel. Enter the corresponding tx and rx freqs.

On the radio:
Press VFO
change the frequency to correspond with the rx freq
press "F", then "MR"
Select the memory channel that you would like to save this as
Presss "OK"

Now for the tx portion:
Press VFO
change freq to correspond with tx freq
press "F", then "MR"
select the same memory channel as above
Press "PTT" and "OK" at the same time

You are now ready to use your split channel for Sarex packet. As far as I
know the radio will not allow cross band splits though....bummer.

Walter
http://www.radiohound.com

Bob Bruninga wrote:

>While preparing for SAREX with the THD7 I suddenly realized that I could
>not dial in an offset of -1.31 MHz to match the 145.800 and 144.49
>requirement. Operating dual band does not help, since the TNC must be on
>one band or the other.
>
>Am I overlooking something obvious? (maybe the manual...)
>(my offset only tunes in 50 KHz steps)
>
>bob

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160. [htaprs] D7 rocker swx

From: Howard Hecht <st_rider@csi.com>
Date: Mon, 26 Jul 1999 20:52:14 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31593-1999.07.26-20.00.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,
I just got a D7 and Garmin III+ and am in "learning curve mode". Hope
to join you all on APRS soon.

I'm having a problem with the rocker swx on the D7. When I attempt to
rock it to the right to select "OK", it as often as not gives me an "up"
or "down" rather than "ok". I find that I can't just press the rocker
in on the "ok" dimple as I can with the other three selections, but must
press in and slide my finger to the right at the same time. Even this
isn't foolproof.

Is this normal for the rig, or do I have a problem? It's really quite
annoying, but if that's the way it's supposed to be, I'll have to
adjust.

TIA,

Howard

--
Howard Hecht   WA1LWD
Co-Task Force Leader
New England Ride for Kids

Join our ride 22 Aug 1999

Help find the cause of and cure for
Pediatric Brain Tumors

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161. [htaprs] Re: THD7 offsets?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 26 Jul 1999 22:00:37 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-31601-1999.07.26-21.10.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 26 Jul 1999, Jon Ogden wrote:

> Why does operating dual band not help? You transmit on one frequency and
> listen on the other. Should work just fine.

TNC only operates on one band at a time...

bob

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162. [htaprs] Re: THD7 offsets?

From: Jon Ogden <jono@enteract.com>
Date: Mon, 26 Jul 1999 21:31:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31611-1999.07.26-21.37.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> Why does operating dual band not help? You transmit on one frequency and
>> listen on the other. Should work just fine.
>
>TNC only operates on one band at a time...

Oh, duh! You are right! I wasn't thinking about that. Hopefully, the
odd split stuff some of the others put in will work.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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163. [htaprs] Garmin Color Trak and keeping your manuals close

From: jlagreek <jlagreek@inlink.com>
Date: Tue, 27 Jul 1999 00:20:56 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31646-1999.07.27-00.31.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have any experience with the Garmin Color Trak GPS? If so
please email me privately. For those of you who do not know (including me
until today) the Color Trak is the color version of the Street Pilot and
you can download maps from the Garmin CD's into it. At least I think you
can - that's part of my questions about the unit.

For those of you that say "I wish I had my D7 manual with me....." Just
download it from Kenwood and keep on your PC. It's in PDF format. While
you're at it, Garmin has most of its manuals online in PDF format also. A
few Megs worth of hard drive and you will always have a copy of the manuals
close.

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

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164. [htaprs] APRS packet paths

From: GPersons <railfan@flash.net>
Date: Tue, 27 Jul 1999 05:05:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31656-1999.07.27-05.14.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can someone on the SIG please explain what the APRS packet paths are and
how to know which one to use? Is there a published list of when and where
to use which packet path?

For example: what is relay, wide etc?

Thanks.

Gary

.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

165. [htaprs] packet paths doc?

From: RASNM@aol.com
Date: Tue, 27 Jul 1999 09:03:32 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31666-1999.07.27-08.13.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/27/99 3:07:45 AM US Mountain Standard Time,
railfan@flash.net writes:

<< Is there a published list of when and where to use which packet path? >>

I share Gary's interest in packet path. GAUD !!! There must be a document or
URL that defines these paths. The D7A manual has some basics. I have not
received my ARRL APRS book or the Kenwood Software/cable package. I think
someone on this list said that there is an APRS manual with that accessory.

I did get hyperterminal working with the D7A in monitor mode. Discovered that
the 144.39 APRS transmissions appeared on my computer screen with paths. They
all seem different. I havent "connected" in packet mode with anyone yet. I
couldn't find any signals in the 145.01, 03 + area. 73-ron-kd5hty-NM

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

166. [htaprs] RE: Low Audio Volume

From: "Hector M. Figueroa" <hfigueroa@earthlink.net>
Date: Tue, 27 Jul 1999 06:10:35 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31668-1999.07.27-08.31.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob try pressing the BAL Button and adjusting the balance setting between
the bands. This is used to keep the packet braaps down to a low volume when
using the other band for voice ops.

Good luck,

Hector Figueroa
KE6VRL

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

167. [htaprs] Re: APRS packet paths

From: Jon Ogden <jono@enteract.com>
Date: Tue, 27 Jul 99 09:40:04 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31680-1999.07.27-09.41.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GPersons wrote:

>Can someone on the SIG please explain what the APRS packet paths are and
>how to know which one to use? Is there a published list of when and where
>to use which packet path?
>
>For example: what is relay, wide etc?

OK, there have been several questions about paths, etc. lately. Welcome
to all the newcomers!

There are several good sources for path/APRS info.

1.) ARRL book - It's a little outdated now with some of the new
digipeater software
2.) APRS Docs - Available at any of the APRS websites. Should be decent
3.) KA9VNV's questionable webpage: www.dididahdahdidit.com

Basically here is what the definitions are roughly:

RELAY: A relay is a small coverage digipeater that someone would have at
their house typically. It is intended to relay the signals of stations
that a WIDE digipeater might not hear (typically mobiles, handhelds,
etc.). There are varying arguments over how many relays an area needs to
have, but as far as being a user, only put RELAY in your path if you have
to. If you are a mobile or handheld on a duck, use RELAY. However, if
you have your HT hooked up to a good antenna at your home and are using
it for fixed operation, odds are that you can hit a WIDE digipeater
directly. So in that case, please don't use RELAY. Excessive use of
RELAY can clog a network

WIDE: A WIDE digipeater is really as its name implies: WIDE coverage. A
WIDE digipeater is usually put up by some club or group and is designed
for covering a substantial area. In a metropolitan area as Chicago I
think we have 5 or 6 WIDE digis so each one has a pretty good footprint.

WIDEn-n: This is a protocol for use with digipeaters that have recent
Kantronics software/TNCs and also with Wes Johnson's (I believe that's
who wrote it) digi software for PCs. This format basically helps to
prevent lots of duplicate packet transmission. For example, if I use
WIDE,WIDE,WIDE in my path the first digipeater to hear me will retransmit
the packet. The next digi will transmit the packet again. But the first
digi is able to hear the second one and it will again re-transmit what it
just transmitted, hence causing excess channel loading.

The n-n format works best by example: If I use WIDE3-3, my packet is
specified to go through three digipeaters. After each hope, the counter

is decremented until it reaches zero. For example: WIDE3-3 as
transmitted by me, WIDE3-2 after the first digi, WIDE3-1 after the second
and WIDE3 after the third. Additionally, there is software in the TNC
that will prevent it from hearing a packet that it recently transmitted.

The other benefit is that packet length is shortened reducing air time.
Also, you can use longer digi hops. You would never want to use
WIDE,WIDE,WIDE,WIDE,WIDE. This would bring a network to its knees!
However, you can use a WIDE5-5. This works much better.

Lastly, I am not sure how it works fully but with digipeaters using Wes'
software for a PC you can actually specify a direction you wish your
packet to go (ie: North, South, etc.). I don't know how many digis use
this and normally, you'd not want to restrict your digipeats anyhow.

Let me make one final comment in closing: PLEASE never use WIDE,RELAY or
any other path that uses RELAY as anything but the FIRST hop. This will
also cause TREMENDOUS havoc in the network.

I hope this helps you with clearing things up!

73 and welcome!

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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168. [htaprs] 73-Jon

From: RASNM@aol.com
Date: Tue, 27 Jul 1999 10:47:14 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31684-1999.07.27-09.56.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/27/99 7:34:38 AM US Mountain Standard Time,
jono@enteract.com writes:

<< 1.) ARRL book - It's a little outdated now with some of the new
 digipeater software
 2.) APRS Docs - Available at any of the APRS websites. Should be decent
 3.) KA9VNV's questionable webpage: www.dididahdahdidit.com
  >>

Jon, thanks for taking the time to post this stuff for us new guys. I think
it is especially important that we know what NOT to try like [PLEASE never
use WIDE,RELAY or
any other path that uses RELAY as anything but the FIRST hop] since the
default seems to be RELAY,WIDE 73-Ron-kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

169. [htaprs] Re: packet paths doc?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 27 Jul 1999 11:21:37 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-31686-1999.07.27-10.30.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> << Is there a published list of when and where to use which packet path? >>

The original APRSdos docs in the README directory. Read DIGIS.TXT

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

170. [htaprs] Garmin GPS III+, Cost?

From: Clifford Uyeda <cuyeda@ix.netcom.com>
Date: Tue, 27 Jul 1999 10:53:26 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31725-1999.07.27-13.03.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What are the best price quotes for the Garmin III+? I have the Garmin III
and want to upgrade to the III+.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

171. [htaprs] Accessories?

From: "Mike Cox" <ki5df@home.com>
Date: Wed, 28 Jul 1999 05:39:09 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31834-1999.07.28-05.47.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi guys, I'm fixing to purchase a TH-D7A. I've seen reference here to
several cables and accessories from Kenwood. Does anyone care to list what's
available and what's recommended?

Thanks,

73 Mike KI5DF

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] re D7A Accessories?

From: RASNM@aol.com
Date: Wed, 28 Jul 1999 08:22:58 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31839-1999.07.28-07.31.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/28/99 3:40:31 AM US Mountain Standard Time,
ki5df@home.com writes:

<< Does anyone care to list what's available and what's recommended? >>

Hello Mike, I am a new radio amateur and new to the list but these items are
listed in my D7A manual:

SMC-32 Speaker Microphone
SMC-33 Remote Control Speaker Microphone
SMC-34 Remote Control Speaker Microphone (with Volume Control)
HMC-3 Head Set with VOX/PTT [I'm gonna try to make my own without the vox]
EMC-3 Clip Microphone
PB-38 Standard Battery Pack (6V/650 mAh) [included]
PB-39 High-power Battery Pack (9.6V/600 mAh) [I may go with Maha]
BT-11 Battery Case [I got one for emergency AA use]
BC-17 Wall Charger [included]
BC-19 Rapid Charger [I may go with Maha]
SC-40 Soft case [I might want one]
PG-2W DC Cable
PG-3J Filtered Cigarette Lighter Cable [I have one and use moble and at home
with Radio Shack regulated 12V supply]
VC-H1 Interactive Visual Communicator [$$$- I need to buy food once in a
while]
     though it would be interesting to hear VCH1 comments from other list
members
PG-4V Connection Cable to VC-H1
PG-4R Sky Command Cable Kit
PG-4W Connection Cable to Computer, with CD and separate 180p manual. [I made

my own cable, be very careful with diagram in manual, you can also download
the beta version of the memory control program from the Kenwood ftp site - I
have this on back order - it is on back order all around the country - should
ship from Kenwood in a few days.

SM-TH -D7A A service manual is listed for $29 at:
<A HREF="http://www.hamradiostore.com/">HRO - Ham Radio Outlet - HRO</A> ,
click on "order now" (you can get out without buying) [I dont think I will
ever take this thing apart]

You might want an SMA to BNC adapter, got mine from AES.

There is a comprehensive review of the Kenwood TH-D7A in the Aug. issue of
QST.
73-ron-kd5hty-Albuquerque

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

173. [htaprs] Re: Accessories?

From: spoiler1 <spoiler1@earthlink.net>
Date: Wed, 28 Jul 1999 07:42:42 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-31841-1999.07.28-07.51.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Mike
The filtered cig cord is a must if you want to use it in the car.
several people have said
a non filtered one makes the radio do strange things. Also the
programing/computer
hookup cable seems to be perpetually on backorder but you can make your
own pretty easily. The case for the radio is must also it comes in
black or orange and was made
very well it also has a super strong belt clip.

It was nice meeting you face to face last weekend.

73 Gary
KC5UWA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

174. [htaprs] RE: Accessories?

From: "Mark A. Keiser" <mkeiser@chi.navtech.com>
Date: Wed, 28 Jul 1999 08:12:55 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31848-1999.07.28-08.25.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Let's see, now.

I think the best recommended accessories are:

1. A personal computer
2. APRSdos or WinAPRS software
3. A Garmin GPSIII or GPSIII +

It seems that they should be mentioned here as Kenwood thoughtlessly left
them out of the manual.

:-)

N4OGL

-----Original Message-----
From: bounce-htaprs-8625@lists.tapr.org
[mailto:bounce-htaprs-8625@lists.tapr.org]On Behalf Of Mike Cox
Sent: Wednesday, July 28, 1999 5:39 AM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Accessories?

Hi guys, I'm fixing to purchase a TH-D7A. I've seen reference here to

several cables and accessories from Kenwood. Does anyone care to list what's
available and what's recommended?

Thanks,

73 Mike KI5DF

You are currently subscribed to htaprs as: mkeiser@chi.navtech.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

175. [htaprs] RE: Accessories/gps

From: RASNM@aol.com
Date: Wed, 28 Jul 1999 10:05:39 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31859-1999.07.28-09.14.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/28/99 6:20:06 AM US Mountain Standard Time,
mkeiser@chi.navtech.com writes:

<< 1. A personal computer
 2. APRSdos or WinAPRS software
 3. A Garmin GPSIII or GPSIII + >>

I managed to interface the Magellan 320 to the D7A
73-ron

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

176. [htaprs] Commun. timeout error

From: Howard Hecht <st_rider@csi.com>
Date: Wed, 28 Jul 1999 18:38:56 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31914-1999.07.28-17.47.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I know there was some discussion on this subject recently, but looking
back at my file, it appears the advice was given off list, and I don't
see the answer.

When I try to read from or write to the radio, using MCP-D7 Beta from
website, the above message comes on.

I wired the DB-9 to the Kenwood included cable/plug assembly supplied
with the D7. The way I read page 53 of the manual, and the addendum
which was packed with the manual is: (BTW, the picture in the manual
seems to be the front of the DB-9, as the actual plug is numbered
opposite the picture when looking at the soldering end.)

Tip = TXD (at radio), is the white wire, and connects to RXD at the
computer, or pin 2 of DB-9.

Ring = RXD (at radio), is the red wire, and connects to TXD at the
computer, or pin 3 of DB-9.

Shield = ground, is the shield wire, and connects to ground at the
computer, or pin 5 of DB-9.

I must be overlooking something. Anyone shed light?

TIA es 73,

Howard

--
Howard Hecht   WA1LWD
Co-Task Force Leader

New England Ride for Kids

Join our ride 22 Aug 1999

Help find the cause of and cure for
Pediatric Brain Tumors

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

177. [htaprs] Re: THD7 offsets?

From: Arte Booten <n2zrc@webspan.net>
Date: Wed, 28 Jul 1999 19:39:02 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31923-1999.07.28-18.50.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

The Bob wrote:

>While preparing for SAREX with the THD7 I realized that I couldn't
>dial in an offset of -1.31 MHz ...

     Just program it as you would any other odd split. Here in the NYC
area I have two repeaters programmed in that use a 1 MHz split. While
I haven't tried it with the D7a, I have programmed in the 145.80/144.45
and 145.80/14.47 SAREX pairs in adjacent memories in the V7a ... and the
similarities in programming frequencies in these two radios would seem
to me to allow the same thing to be done in the HT.   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

178. [htaprs] Re: GPS + TH-D7

From: Arte Booten <n2zrc@webspan.net>
Date: Wed, 28 Jul 1999 19:33:43 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31922-1999.07.28-18.50.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Dave Armbrust responded to R. Bratberg, who wrote:

>>On the GPS III+ received stations appear on the "Moving Map." Do they?

with:

>Yes, they do. Not only does the D7 plus a Garmin III+ make the smal-
>lest tracker I am aware of it also rivals a full blown computer running
>APRS if it were not for the screen size and the mono vs. color.

And Gary P. wrote:

>I am considering retiring my laptop and using only the D7 and GPS3+. I >may have to use my laptop and
TNC for the final [balloon] chase.

     If you don't mind carrying another small device along with the D7
and GPS (not necessarily a III+), another alternative is using a Palm
Computing Device, such as their Palm III, IIIx, V or VI. Mike Musick's
"pocketAPRS" *is* a full-blown APRS program for these devices and al-
lows messaging, street-level maps, multiple path selection, object and
DF uplinking, etc. It's still in beta (but 1.0 is due out "real soon
now") and features are being added to and tweaked with every new release
as with all the other flavors of APRS.

For portable use, I see many advantages to using this program. It gives you all the advantages of the GPS III+, plus (mostly) full APRS capability. Okay, you can't use a CD callbook or Street Atlas/Precision Mapping CD's, but considering the platform's limitations, Mike has really pushed the envelope with this program. With the Palm III now going for something close to $200, it's worth buying one just for this application ... of course, there are tons of shareware for the thing, too. My favorite turns the device into a multifunction infrared remote control for my TV, VCR, Cable box, Stereo Receiver, CD Player, etc. 73

_____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv] !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|_____|

A new bumper sticker in New York State reads, "Run Hillary, Run!"
Democrats put it on the rear bumper. Republicans put it on the front.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

179. [htaprs] TH-D7(J) with Garmin GPS II+

From: Jack_Yu@sanlien.com.tw
Date: Thu, 29 Jul 1999 11:27:40 +0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31943-1999.07.28-22.37.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear Everyone:

I use TH-D7 transceiver(Japanese version) with a Garmin GPS II+. I have a problem with it and I need your help...

I connect a Garmin GPS II plus in order to get MYPOS form the GPS. Each time I press POS, the LCD always 0000
and position unchanged. I have connected a RS-232 test box between the transceiver and the GPS. I am sure that the GPS sends out signal and the transceiver receives it, but the position information do not have any change. Please advice what I can check to get a proper operation or I have to send it back to Kenwood for check. Thank you very much.

Sincerely,

Jack Yu
BM2AVT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

180. [htaprs] Re: comm timeout error

From: Howard Hecht <st_rider@csi.com>
Date: Thu, 29 Jul 1999 00:09:10 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31957-1999.07.28-23.18.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All,

Thanks for the help.

As it turned out, wiring was ok, comm port worked with other apps, and what appears to have solved the problem was turning off the D7 and turning it back on again (reboot?). I never thought of that until all else failed and was desperate for a solution.

BTW, now that it's working, doesn't seem to matter if the TNC is on or off. Works fine either way.

Thanks again to those who offered help.

Howard

--
Howard Hecht   WA1LWD
Co-Task Force Leader
New England Ride for Kids

Join our ride 22 Aug 1999

Help find the cause of and cure for
Pediatric Brain Tumors

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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181. [htaprs] TH-D7 / Street Pilot way points ?????

From: Phillip Clark <pbclark1@ibm.net>
Date: Wed, 28 Jul 1999 23:46:22 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31982-1999.07.29-01.55.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can someone tell me if it is possible to get the Street Pilot to save
the TH-D7 APRS calls as way points like the GIII + does. Is this
possible on the Color Street Pilot?? I have not been able to get it to
work on my original Street Pilot with the latest microcode. With the
eminent release of the microcode upgrade for the Street Pilot to use the
Mapsource CD map data, this would make the perfect "Tracker" if it would
store the way points automatically like the other Garmin GPS's.. If it
does not do it now, does anyone think they can convince Garmin to
support it in a future microcode release for the Street Pilots??

Phil KD6SP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

182. [htaprs] Re: comm timeout error

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Thu, 29 Jul 1999 07:51:37 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31998-1999.07.29-08.02.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

MCP-D7 will NOT communicate with the TH-D7 if the TH-D7 TNC is in the Packet mode.

It will communicate if the TNC is OFF or the TNC is in the APRS mode.

(I just tested it to make sure that the above statements were correct.)

Stan, WA1LOU

-----Original Message-----
From: Howard Hecht [mailto:st_rider@csi.com]
Sent: Thursday, July 29, 1999 12:09 AM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: comm timeout error

...

BTW, now that it's working, doesn't seem to matter if the TNC is on or
off. Works fine either way.

...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

183. [htaprs] Re: THD7 offsets?

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Thu, 29 Jul 1999 08:01:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-32001-1999.07.29-08.12.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try it, Arte. It won't accept a 1.31 MHz split. It will take 1.30 and 1.35, but not 1.31.

I even tried it with the MCP-D7 software. I type in 1.31 into the Offset parameter of a memory channel, clicked on OK, and all seems to be fine. But when I go back and display that channel, 1.30 appears where I typed 1.31.

When all else fails, read the manual, and here's what it says about offsets:

    The selectable range is from 0.00 MHz to 29.95 MHz in steps of 50 kHz.

73,

Stan, WA1LOU

-----Original Message-----
From: Arte Booten [mailto:n2zrc@webspan.net]
Sent: Wednesday, July 28, 1999 7:39 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: THD7 offsets?

Hi all,

The Bob wrote:

>While preparing for SAREX with the THD7 I realized that I couldn't
>dial in an offset of -1.31 MHz ...

     Just program it as you would any other odd split. Here in the NYC area I have two repeaters programmed in that use a 1 MHz split. While I haven't tried it with the D7a, I have programmed in the 145.80/144.45 and 145.80/14.47 SAREX pairs in adjacent memories in the V7a ... and the similarities in programming frequencies in these two radios would seem to me to allow the same thing to be done in the HT.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

184. [htaprs] How accurate is APRS?

From: "Kevin Numbers, KC8MTV" <kc8mtv@arrl.net>
Date: Thu, 29 Jul 1999 10:34:03 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32013-1999.07.29-09.40.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks again to all that helped me get my TH-D7A & Garmin GPS 45 up and running. Now I have a question about how accurate the position report is.

    I have my radio on right now showing my position but it looks as though the position on the map is off around a 100 ft or so. I should be shown right on Dividend Dr. on the map. You can see my current position at the following URL:
http://maps.aprs.net/kc8mtv-7

Is this offset because of the Department of Defense not wanting civilians to have access to 100% accurate readings?

73's
Kevin Numbers, KC8MTV
E-Mail: kc8mtv@arrl.net
Web Page: http://www.greenapple.com/~knumbers
My APRS Location: http://maps.aprs.net/kc8mtv-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

185. [htaprs] Re: How accurate is APRS?

From: RASNM@aol.com
Date: Thu, 29 Jul 1999 11:13:05 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32018-1999.07.29-10.21.57--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

In a message dated 7/29/99 7:33:39 AM US Mountain Standard Time,
kc8mtv@arrl.net writes:

<< I should be shown
 right on Dividend Dr. on the map. You can see my current position at the
 following URL:
 http://maps.aprs.net/kc8mtv-7 >>

Friends, I went to this URA and found Kevin there FANTASTIC !! Can anyone
tell me why he added the "-7" to his call sign? I thought this was done buy
the URL as an indicator of order (who's first and last). But I am new at this.

ALSO, I wonder how Kevin defined his packet path to get to his local I-gate.
Though there are lots ARPS repeaters in New Mexico, I am just learing and
would like to find my call sign on the aprs net.

73-Ron-kd5hty

After I send this I think I would put out a wide,wide beacon on 144.39

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

186. [htaprs] Re: How accurate is APRS?

From: Jon Ogden <jono@enteract.com>
Date: Thu, 29 Jul 99 10:34:30 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32022-1999.07.29-10.35.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

RASNM@aol.com wrote:

>Friends, I went to this URA and found Kevin there FANTASTIC !! Can anyone
>tell me why he added the "-7" to his call sign? I thought this was done buy
>the URL as an indicator of order (who's first and last). But I am new at
>this.

The -7 is what is called an SSID. Oh gosh, I draw a blank on what this
stands for! (Supplemental station identifier or something). Anyhow, this
allows you to have multiple packet stations on the same frequency. For
example, my home station is KE9NA. My car is KE9NA-1. I could have a
digi that would be KE9NA-3 (I don't.).

And again, regarding your path to get to an Igate, I am not sure about
your area. If there is one reachable by your WIDE or another nearby
WIDE, you are getting in.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

187. [htaprs] Re: How accurate is APRS?

From: Jon Ogden <jono@enteract.com>
Date: Thu, 29 Jul 99 10:37:15 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32023-1999.07.29-10.38.36--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Kevin Numbers, KC8MTV wrote:

> I have my radio on right now showing my position but it looks as though
>the position on the map is off around a 100 ft or so.

Kevin,

Go to the satellite page on your GPS-45. You will see a number called
"EPE." This is your estimated position error. It comes from both errors
in calculating your position AND from the government's Selected
Availability on the satellites.

Couple this with the fact that your map might not be 100% accurate either.

The way to really make the GPS more accurate is to use a differential GPS
receiver as well. Your accuracy gets much better. But then if you hook
that to the GPS-45, I don't think you'd be able to pipe out your serial
data.

How accurate do you REALLY need to be?

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

188. [htaprs] SSID's/the -7 in my call

From: "Kevin Numbers, KC8MTV" <kc8mtv@arrl.net>
Date: Thu, 29 Jul 1999 11:47:34 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32027-1999.07.29-10.53.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The reason I added the -7 is for a SSID. SSID (secondary station identifier)
is used to identify your APRS station. I use -7 to identify my mobile unit.
When I am at home, I will take away the -7 showing that I am no longer in my
mobile. I will also change the icon to show a house, instead of my truck.
I hope that this is the correct explanation, because that's the way I had it
explained to me.
For those of you that are new to APRS. If you go to the site listed below,
"My APRS Location" just replace my call letters with yours, to show your
location.

Here is an interesting site that explains allot about APRS and has helped
me:
http://www.qsl.net/kd4rdb/aprs.htm

Here is a fun project. Build your own Portable Digipeater:
http://www.airnet.net/wa8inz/

73's
Kevin Numbers, KC8MTV
E-Mail: kc8mtv@arrl.net
Web Page: http://www.greenapple.com/~knumbers
My APRS Location: http://maps.aprs.net/kc8mtv-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

189. [htaprs] I am in APRS

From: RASNM@aol.com
Date: Thu, 29 Jul 1999 12:01:29 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32029-1999.07.29-11.10.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRS Friends

I am in for the first time !!!!!!!!!
I changed my call to kd5hty-7 and changed path to wide,wide,wide

10 pm Albuquerque
look for me at: http://maps.aprs.net/kd5hty-7

Ron

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

190. [htaprs] Garmin GPS 45 & TH-D7A

From: "Kevin Numbers, KC8MTV" <kc8mtv@arrl.net>
Date: Thu, 29 Jul 1999 12:28:46 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32039-1999.07.29-11.34.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Kent,

Thanks for the information.
I am still having problems with my GPS 45 sending my Lat/Long to my TH-D7A.
I am starting to think that I've wired it wrong. Correct me if I am wrong,
but this is how I wired it:

3/32nd mini-plug Connector on Garmin Cable with the notch
facing up/north and facing you.
Tip bottom right
Center top left
ground bottom left

I have the setting in the GPS set correctly and also in the TH-D7A.

73's
Kevin Numbers, KC8MTV
E-Mail: kc8mtv@arrl.net
Web Page: http://www.greenapple.com/~knumbers
My APRS Location: http://maps.aprs.net/kc8mtv-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

191. [htaprs] Re: How accurate is APRS?

From: "David Robertson" <drober05@tir.com>
Date: Thu, 29 Jul 1999 12:28:16 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32040-1999.07.29-11.37.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm new to this APRS and I have a question. How do you set up a web page
such as the one referred to below that will allow others to track your
location? This is one of the things I am very interested in doing with my
new D7A.

Thanks.

Dave Robertson
KC8JZX

----- Original Message -----
From: Kevin Numbers, KC8MTV <kc8mtv@arrl.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>

Sent: Thursday, July 29, 1999 7:34 AM
Subject: [htaprs] How accurate is APRS?

> Thanks again to all that helped me get my TH-D7A & Garmin GPS 45 up
and
> running. Now I have a question about how accurate the position report is.
>
> I have my radio on right now showing my position but it looks as
though
> the position on the map is off around a 100 ft or so. I should be shown
> right on Dividend Dr. on the map. You can see my current position at the
> following URL:
> http://maps.aprs.net/kc8mtv-7
>
> Is this offset because of the Department of Defense not wanting civilians
to
> have access to 100% accurate readings?
>
>
> 73's
> Kevin Numbers, KC8MTV
> E-Mail: kc8mtv@arrl.net
> Web Page: http://www.greenapple.com/~knumbers
> My APRS Location: http://maps.aprs.net/kc8mtv-7
>
>
>
> ---
> You are currently subscribed to htaprs as: kc8jzx@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

192. [htaprs] Congratulations KD5HTY, Ron

From: "Kevin Numbers, KC8MTV" <kc8mtv@arrl.net>
Date: Thu, 29 Jul 1999 12:39:18 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32041-1999.07.29-11.45.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Isn't that cool to see yourself for the very first time on the APRS system.
I was excited too :)
I just wish that I could see myself on the map as I drive down the highway.

73's
Kevin Numbers, KC8MTV
E-Mail: kc8mtv@arrl.net
Web Page: http://www.greenapple.com/~knumbers
My APRS Location: http://maps.aprs.net/kc8mtv-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

193. [htaprs] SC-40 Soft case

From: "David Robertson" <drober05@tir.com>
Date: Thu, 29 Jul 1999 12:37:08 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32042-1999.07.29-11.46.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm considering ordering the SC-40 Soft case for my new D7A. I'm wondering
if the radio can be used while in the case or would it get too hot or have
other problems? For instance, could I have the radio in the case attached
to my belt while I used the SMC-34 Remote Control Speaker Microphone?
Similarly, could I have the radio in the case while in my vehicle using the
SMC-34 Remote Control Speaker Microphone and attached to a mobile antenna?
Can a GPS be attached while it is in the case?

Another thing I am considering. Would it be possible to get a camera bag or
similar case to hold both the D7A and GPS unit and whatever other

accessories I might have (i.e. computer connection)?

I plan on using my D7A in several different modes -- home, mobile, bike,
jogging, foot. Consequently, I want a convenient package for different
situations.

Any suggestions?

David Robertson
KC8JZX@arrl.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

194. [htaprs] Magellan GPS 2000XL

From: "David Lester" <upandatum@webhart.net>
Date: Thu, 29 Jul 1999 11:46:37
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32043-1999.07.29-11.55.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would like to know if anyone has any experience with hooking up the
Magellan 2000XL GPS with a D7A. If yes, you could save me a bundle. If not
....
Thanks guys and gals
David....
Calabogie Ontario

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

195. [htaprs] Re: Magellan GPS 2000XL

From: "Steven J Adams" <adamss@datasys.net>
Date: Thu, 29 Jul 1999 12:18:49
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32046-1999.07.29-12.27.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a Magellan 2000 and a 2000XL. Neither of these output any data and
therefore won't work with the D7-A. Magellan was a little misleading and
leaves you to believe that the 2000XL will output data (thats why I
upgraded to XL)but it is not built into the unit. I have looked over a
4000XL and in the SETUP menu there is an option for data output. You won't
find that option in your menu. There is a "Data Out" connection in the
battery case but if you inspect it with an ohmeter and voltmeter you will
discover that nothing is connected to it. I learned all of this the hard
way - after buying the 2000XL and power/data adaptor.

I have since bought a Garmin GPSIIIPlus and love it with my D7-A!

Steve Adams
KF4NAT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

196. [htaprs] Re: SC-40 Soft case

From: RASNM@aol.com
Date: Thu, 29 Jul 1999 13:29:09 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32048-1999.07.29-12.39.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/29/99 9:41:10 AM US Mountain Standard Time,
drober05@tir.com writes:

<<
 I plan on using my D7A in several different modes -- home, mobile, bike,
 jogging, foot. Consequently, I want a convenient package for different
 situations. >>

David, I plan this same thing ! (and I know others on the list have mentioned
this), if you wanna exchange ideas. I just purchased a 12V gel cell which

should give me exteded operation when I am not near 12V or 117ac. The other advantage of 12V is that I think it jacks the power up to max (list can correct me if I am wrong) I plan to fuse the power to the D7A using a power connector available at Radio Shack. I can also power the GPS and save its battery. I am shopping for a small camera case or insulated lunch bag. I also wanna use a head set for operation and plan to modify a RS unit. Big ideas here....we will see what happens....lol. FYI I just made a J-pole antenna using 300 ohm twin lead, which seems to greatly improve the performance at very low cost. 73-Ron kd5hty

<A HREF="http://hamgate1.sunyerie.edu/races/pocket.htm">Pocket J-Pole</A>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

197. [htaprs] Re: How accurate is APRS?

From: tgriff@ix.netcom.com (Tom Griffin)
Date: Thu, 29 Jul 1999 14:28:40 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32053-1999.07.29-13.40.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 29 Jul 1999 11:13:05 EDT, Ron-kd5hty wrote about [htaprs] Re: How accurate is APRS?:

>In a message dated 7/29/99 7:33:39 AM US Mountain Standard Time,
>kc8mtv@arrl.net writes:
>
><< I should be shown
> right on Dividend Dr. on the map. You can see my current position at the
> following URL:
> http://maps.aprs.net/kc8mtv-7 >>
>
>Friends, I went to this URA and found Kevin there FANTASTIC !! Can anyone
>tell me why he added the "-7" to his call sign? I thought this was done buy
>the URL as an indicator of order (who's first and last). But I am new at this.

Ron, somewhere back, there was a suggestion by Bob Bruninga <bruninga@nadn.navy.mil> Date: Sun, 20 Jun 1999 18:16:25 -0400 (EDT) that D7A users append the -7 [SSID] to their call sign so other like users could identify them "since most of us use -7 for the THD7 anyway".

73-
Tom K4IIJ

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198. [htaprs] Re: How accurate is APRS?

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Thu, 29 Jul 1999 13:29:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32055-1999.07.29-13.44.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Ron, somewhere back, there was a suggestion by Bob Bruninga
> <bruninga@nadn.navy.mil> Date: Sun, 20 Jun 1999 18:16:25 -0400 (EDT)
> that D7A users append the -7 [SSID] to their call sign so other like
> users could identify them "since most of us use -7 for the THD7
> anyway".

>From what I have seen, this is almost universal with D7 owners.

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199. [htaprs] Re: Commun. timeout error

From: Walter Dunckel <wdunckel@best.com>
Date: Thu, 29 Jul 1999 12:55:23 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>

Message-ID: <LYR845-32059-1999.07.29-15.11.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, you are overlooking something. You have your wires reversed. Look
back at page 53 and read the items in the shaded area, or just reverse
your tx and rx wires on the connector. I had to wire mine the wrong way
first, only to re-read the manual and say a few words under my breath.
Yes this could have been a little clearer in the manual.

The tip of the plug should be the computers TX!

Enjoy,

Walter

Howard Hecht wrote:
>
> Hi all,
>
> I know there was some discussion on this subject recently, but looking
> back at my file, it appears the advice was given off list, and I don't
> see the answer.
>
> When I try to read from or write to the radio, using MCP-D7 Beta from
> website, the above message comes on.
>
> I wired the DB-9 to the Kenwood included cable/plug assembly supplied
> with the D7. The way I read page 53 of the manual, and the addendum
> which was packed with the manual is: (BTW, the picture in the manual
> seems to be the front of the DB-9, as the actual plug is numbered
> opposite the picture when looking at the soldering end.)
>
> Tip = TXD (at radio), is the white wire, and connects to RXD at the
> computer, or pin 2 of DB-9.
>
> Ring = RXD (at radio), is the red wire, and connects to TXD at the
> computer, or pin 3 of DB-9.
>
> Shield = ground, is the shield wire, and connects to ground at the
> computer, or pin 5 of DB-9.
>
> I must be overlooking something. Anyone shed light?
>
> TIA es 73,
>
> Howard
>
> --
> Howard Hecht   WA1LWD

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

200. [htaprs] Re: How accurate is APRS?

From: Walter Dunckel <wdunckel@best.com>
Date: Thu, 29 Jul 1999 14:34:32 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-32070-1999.07.29-16.51.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thats the great part! It is already done for you! Put your callsign
here:

http://maps.aprs.net/yourcallsign

David Robertson wrote:
>
> I'm new to this APRS and I have a question. How do you set up a web page
> such as the one referred to below that will allow others to track your
> location? This is one of the things I am very interested in doing with my
> new D7A.

> > http://maps.aprs.net/kc8mtv-7

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

201. [htaprs] Re: SC-40 Soft case

From: "bob" <w2g3zfj@unix.asb.com>
Date: Thu, 29 Jul 1999 17:40:27 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32071-1999.07.29-16.53.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi David

The SC40 case is execellent and well worth it. You can connect
speaker/mic/powersupply/pc and gps with no problems. Its also got a very
good belt clip with it. I routinely use it in a car with external antenna
and GPS.

Bob
-----Original Message-----
From: David Robertson <drober05@tir.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Thursday, 29 July, 1999 12:30
Subject: [htaprs] SC-40 Soft case

>I'm considering ordering the SC-40 Soft case for my new D7A. I'm wondering
>if the radio can be used while in the case or would it get too hot or have
>other problems? For instance, could I have the radio in the case attached
>to my belt while I used the SMC-34 Remote Control Speaker Microphone?
>Similarly, could I have the radio in the case while in my vehicle using the
>SMC-34 Remote Control Speaker Microphone and attached to a mobile antenna?
>Can a GPS be attached while it is in the case?
>
>Another thing I am considering. Would it be possible to get a camera bag
or
>similar case to hold both the D7A and GPS unit and whatever other
>accessories I might have (i.e. computer connection)?
>
>I plan on using my D7A in several different modes -- home, mobile, bike,
>jogging, foot. Consequently, I want a convenient package for different
>situations.
>
>Any suggestions?
>
>---------------------------------------
>David Robertson
>KC8JZX@arrl.net
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

202. [htaprs] Re: How accurate is APRS?

From: Jon Ogden <jono@enteract.com>
Date: Thu, 29 Jul 99 17:04:05 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32073-1999.07.29-17.05.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dave VanHorn wrote:

>
>> Ron, somewhere back, there was a suggestion by Bob Bruninga
>> <bruninga@nadn.navy.mil> Date: Sun, 20 Jun 1999 18:16:25 -0400 (EDT)
>> that D7A users append the -7 [SSID] to their call sign so other like
>> users could identify them "since most of us use -7 for the THD7
>> anyway".
>
>From what I have seen, this is almost universal with D7 owners.

I use -1

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

203. [htaprs] Re: THD7 offsets?

From: Walter Dunckel <wdunckel@best.com>
Date: Thu, 29 Jul 1999 16:46:11 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-32088-1999.07.29-19.04.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is a difference between a split channel and an offset. A split
channel will accept any freq match on the same band, an offset will act
as you say. Try it using kenwoods software. Double click the channel you
would like to set up. Select the Split channel option. Enter both rx and
tx frequencies.

When all else fails read your manual - it will explain how to do split
channel using the radio alone... a bit more complicated.

Walter

"Horzepa, Stan" wrote:
>
> Try it, Arte. It won't accept a 1.31 MHz split. It will take 1.30 and 1.35, but not 1.31.
>
> I even tried it with the MCP-D7 software. I type in 1.31 into the Offset parameter of a memory
channel, clicked on OK, and all seems to be fine. But when I go back and display that channel, 1.30
appears where I typed 1.31.
>
> When all else fails, read the manual, and here's what it says about offsets:
>
>   The selectable range is from 0.00 MHz to 29.95 MHz in steps of 50 kHz.
>
> 73,
>
> Stan, WA1LOU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

204. [htaprs] RE: TH-D7(J) with Garmin GPS II+

From: jlagreek <jlagreek@inlink.com>
Date: Thu, 29 Jul 1999 20:29:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32097-1999.07.29-20.56.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jack,

Try reversing your TX and RX wires. I use a D7 and II+ and they work
toghether . Also check the pocketAPRS page for a diagram of this cable.
 www.anet-stl.com/~mcmusick

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

205. [htaprs] Garmin GPS/TH-D7 wiring hint

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 29 Jul 1999 21:53:25 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32101-1999.07.29-21.02.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you are making a straight through cable joining a Mouser 172-2010
cable (data cable for D7) to a Garmin data or data/power cable one easy
rule of thumb for the wiring is that when trying figure which data in/out
wire goes to which   "white goes to white" leaving the red wire
(Mouser/D7 cable) to mate to the brown wire (Garmin cable) and the black
ground (Garmin cable) to the bare ground shield (Mouser/D7 cable) ...
easy as pie!

Every once in a while Murphy takes a break and we get something easy to
remember!

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "A man with a gun goes into an elevator. Inside, he meets Adolf
   Hitler, a shark, and a lawyer. However, the man has only two
   bullets, so he shoots the lawyer twice." -- Buddy Hackett

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

206. [htaprs] Re: TH-D7(J) with Garmin GPS II+

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 29 Jul 1999 21:57:41 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32102-1999.07.29-21.06.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 7/28/99 11:27 PM, Jack_Yu@sanlien.com.tw (Jack_Yu@sanlien.com.tw)
passed this wisdom:

>Dear Everyone:
>
>I use TH-D7 transceiver(Japanese version) with a Garmin GPS II+. I have a
>problem with it and I need your help...
>
>I connect a Garmin GPS II plus in order to get MYPOS form the GPS. Each
>time I press POS, the LCD always 0000
>and position unchanged. I have connected a RS-232 test box between the
>transceiver and the GPS. I am sure that the GPS sends out signal and the
>transceiver receives it, but the position information do not have any
>change. Please advice what I can check to get a proper operation or I have
>to send it back to Kenwood for check. Thank you very much.

 I am using nearly the same combination ... the POS display will not
change the info from the GPS does not egt entered. Also don't make the
dumb mistake I made and try checking the output on your desktop computer
.... unless you get up and walk or drive around a bit the GPS will keep
sending the same data to the D7 ... (I wasted 30 minutes rewiring before
I figured out my workbench was not moving! I ended up feeling very
stupid! hi hi)

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "Ask a question and you're a fool for three minutes; do not ask a
question
  and you're a fool for the rest of your life." - Chinese proverb

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

207. [htaprs] Re: How accurate is APRS?

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 29 Jul 1999 21:59:58 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32103-1999.07.29-21.08.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 7/29/99 11:34 AM, Jon Ogden (jono@enteract.com) passed this wisdom:

>RASNM@aol.com wrote:
>
>>Friends, I went to this URA and found Kevin there FANTASTIC !! Can anyone
>>tell me why he added the "-7" to his call sign? I thought this was done buy
>>the URL as an indicator of order (who's first and last). But I am new at
>>this.
>
>The -7 is what is called an SSID. Oh gosh, I draw a blank on what this
>stands for! (Supplemental station identifier or something). Anyhow, this
>allows you to have multiple packet stations on the same frequency. For
>example, my home station is KE9NA. My car is KE9NA-1. I could have a
>digi that would be KE9NA-3 (I don't.).
>
>And again, regarding your path to get to an Igate, I am not sure about
>your area. If there is one reachable by your WIDE or another nearby
>WIDE, you are getting in.

   "-7" is the new "sort-of" standard adopted on the fly (I think, Bob,
APR, suggested it) for TH-D7A users ...

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

   "You will know fear. Then you will know pain. Then you will use a Mac."
     -- from somewhere on the Net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

208. [htaprs] Re: SC-40 Soft case

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 29 Jul 1999 22:03:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32104-1999.07.29-21.12.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 7/29/99 1:29 PM, RASNM@aol.com (RASNM@aol.com) passed this wisdom:

>In a message dated 7/29/99 9:41:10 AM US Mountain Standard Time,
>drober05@tir.com writes:
>
><<
> I plan on using my D7A in several different modes -- home, mobile, bike,
> jogging, foot. Consequently, I want a convenient package for different
> situations. >>
>
>David, I plan this same thing ! (and I know others on the list have
>mentioned
>this), if you wanna exchange ideas. I just purchased a 12V gel cell which
>should give me exteded operation when I am not near 12V or 117ac. The other
>advantage of 12V is that I think it jacks the power up to max (list can
>correct me if I am wrong) I plan to fuse the power to the D7A using a power
>connector available at Radio Shack. I can also power the GPS and save its
>battery. I am shopping for a small camera case or insulated lunch bag. I
>also
>wanna use a head set for operation and plan to modify a RS unit. Big ideas
>here....we will see what happens....lol. FYI I just made a J-pole antenna
>using 300 ohm twin lead, which seems to greatly improve the performance at
>very low cost. 73-Ron kd5hty
>
> <A HREF="http://hamgate1.sunyerie.edu/races/pocket.htm">Pocket J-Pole</A>
>

Several year agoi I made a battery pack from two Radio Shack 4-D-Cell

holders zipwire tied back to back. since the D-cells have a 17 AH
capacity it really lasts. You could do the same for D type Nicads or a
set of holders for C-cells ....

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "Bacon and eggs: A days work for a chicken; a lifetime commitment for a
pig"

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

209. [htaprs] Garmin eMap

From: "David Robertson" <drober05@tir.com>
Date: Thu, 29 Jul 1999 22:52:51 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32116-1999.07.29-22.01.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone on the list have knowledge about the new Garmin eMap? You can
check it's specs out at the following URL.

http://www.bridge.de/~tom/eMap.htm

I'm wondering if it might be a good combination with the D7A. It's
projected retail price looks fairly decent.

David Robertson
KC8JZX@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

210. [htaprs] Software on CD

From: Andy.McMullin@pbs.plym.ac.uk
Date: Fri, 30 Jul 1999 10:10:20 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32156-1999.07.30-04.20.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I understand that a released version of the software "mcp_d7" to control
the TH-D7 comes on a CD if you order the official cable.

Can someone out there who has this version let me know if the software will
run on any com port recognised by the operating system, or is it just com1:
and com2: like the beta does?

As an aside, I've got 4 serial devices running already (UPS, modem, TNC and
telephone) and I don't want to move them all around just to alter the
memories on my D7e -- I'd rather connect to it through one of my spare USB
to serial ports.

Regards
Andy McMullin
Faculty Technical Manager
University of Plymouth Business School

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

211. [htaprs] Re: Software on CD

From: tgriff@ix.netcom.com (Tom Griffin)
Date: Fri, 30 Jul 1999 07:54:42 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32166-1999.07.30-07.06.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 30 Jul 1999 10:10:20 +0100, Andy.McMullin@pbs.plym.ac.uk wrote
about [htaprs] Software on CD:

>I understand that a released version of the software "mcp_d7" to control
>the TH-D7 comes on a CD if you order the official cable.
>
>Can someone out there who has this version let me know if the software will
>run on any com port recognised by the operating system, or is it just com1:
>and com2: like the beta does?

>From the Radio pull down menu, Com1 thru 4 are shown. A quote from the
Help file:

"Setting the Serial Port

Select "Com1" or "Com2" or "Com3" or "Com4" by using [Radio] in the
menu. An error will be displayed if the serial port that you specified
is being used by a different application."

Off topic, I tried to maximize the Find capability in the MCP7 Help
file and got a blank window. Had to Alt-Cntrl-Del to end the task.

73
Tom K4IIJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

212. [htaprs] Delorme Tripmate

From: RASNM@aol.com
Date: Fri, 30 Jul 1999 07:58:38 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32167-1999.07.30-07.07.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a friend who wants to know if the Delorme Tripmate GPS will
interface to the Kenwood D7A. This is that yellow one that comes with mapping
software. Normally it only operates with a laptop. thanks-ron-kd5hty-NM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

213. [htaprs] Re: Software on CD

From: GPersons <railfan@flash.net>
Date: Fri, 30 Jul 1999 07:10:29 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-32168-1999.07.30-07.19.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HI Andy,
Yes the MCP version that comes on the CD will work with any of the com
ports. AT least it has a drop down for them under setup.

Gary

At 10:10 AM 1999-07-30 +0100, you wrote:
>Hi,
>
>I understand that a released version of the software "mcp_d7" to control
>the TH-D7 comes on a CD if you order the official cable.
>
>Can someone out there who has this version let me know if the software will
>run on any com port recognised by the operating system, or is it just com1:
>and com2: like the beta does?
>
>As an aside, I've got 4 serial devices running already (UPS, modem, TNC and
>telephone) and I don't want to move them all around just to alter the
>memories on my D7e -- I'd rather connect to it through one of my spare USB
>to serial ports.
>
>Regards
>Andy McMullin
>Faculty Technical Manager
>University of Plymouth Business School
>
>

>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

214. [htaprs] Re: THD7 offsets?

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Fri, 30 Jul 1999 07:38:15 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32171-1999.07.30-07.50.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, but I still can't find a way to do a 1.31-MHz offset. If I am in error, please explain how to do it
 because I am stumped!

-----Original Message-----
From: Walter Dunckel [mailto:wdunckel@best.com]
Sent: Thursday, July 29, 1999 7:46 PM
To: TAPR HT APRS Special Interest Group
Cc: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: THD7 offsets?

There is a difference between a split channel and an offset. A split
channel will accept any freq match on the same band, an offset will act
as you say. Try it using kenwoods software. Double click the channel you
would like to set up. Select the Split channel option. Enter both rx and
tx frequencies.

When all else fails read your manual - it will explain how to do split
channel using the radio alone... a bit more complicated.

Walter

"Horzepa, Stan" wrote:
>
> Try it, Arte. It won't accept a 1.31 MHz split. It will take 1.30 and 1.35, but not 1.31.
>
> I even tried it with the MCP-D7 software. I type in 1.31 into the Offset parameter of a memory
channel, clicked on OK, and all seems to be fine. But when I go back and display that channel, 1.30
appears where I typed 1.31.
>
> When all else fails, read the manual, and here's what it says about offsets:
>
>   The selectable range is from 0.00 MHz to 29.95 MHz in steps of 50 kHz.
>
> 73,
>
> Stan, WA1LOU

You are currently subscribed to htaprs as: STAN_HORZEPA@ADC.COM
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

215. [htaprs] Re: How accurate is APRS?

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Fri, 30 Jul 1999 08:36:01 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32173-1999.07.30-08.44.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We have three D7 in the Bloomington In, area. We all use -7 , it helps to
know that the person you are trying to talk to has the same keyboard as you!
In other words messages are short and might take some time to compose.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Jon Ogden [SMTP:jono@enteract.com]
> Sent: Thursday, July 29, 1999 5:04 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: How accurate is APRS?
>
> Dave VanHorn wrote:
>
> >
> >> Ron, somewhere back, there was a suggestion by Bob Bruninga
> >> <bruninga@nadn.navy.mil> Date: Sun, 20 Jun 1999 18:16:25 -0400 (EDT)
> >> that D7A users append the -7 [SSID] to their call sign so other like
> >> users could identify them "since most of us use -7 for the THD7
> >> anyway".
> >
> >From what I have seen, this is almost universal with D7 owners.
>
>
> I use -1
>
> 73,
>
> Jon
> KE9NA
>
>
> --
> The Second Amendment is NOT about duck hunting!
>
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

216. [htaprs] It's Working !! D7 & GPS

From: "Kevin Numbers, KC8MTV" <kc8mtv@arrl.net>
Date: Fri, 30 Jul 1999 10:28:56 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32184-1999.07.30-09.34.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks a million guys for all of the help. After several weeks of playing
around with my TH-D7A and my Garmin GPS 45, I have finally got the GPS
sending coordinates to the radio and the radio sending out my information
successfully. The problem with the GPS was that I had the TX & RX leads
reversed. The Kenwood manual wasn't very clear at all.
Next project, to build a GPS mobile antenna. Has anybody done this yet?

73's
Kevin Numbers, KC8MTV
E-Mail: kc8mtv@arrl.net
Web Page: http://www.greenapple.com/~knumbers
My APRS Location: http://maps.aprs.net/kc8mtv-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

217. [htaprs] Re: THD7 offsets?

From: Walter Dunckel <wdunckel@best.com>
Date: Fri, 30 Jul 1999 08:25:02 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-32203-1999.07.30-10.43.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You are not in error, you cannot do a 1.31mhz offset with the D7.

However you can make a split channel to have the same effect for one or
more channels. For instance: if you wanted to make a channel receive on
144.000 and tx on 145.310, you could make a split channel for these
frequencies. This would be programed as one split channel. When you hit
PTT, you would tx at 145.310 and you would rx at 144.000. If you had
your radio set to packet, it would also tx and rx at those frequencies
... alowing you to use the tnc on one single band for rx and tx. The
following describes how.

The easiest way to do this is with Kenwoods software. Double click the
memory channel that you want to program this into. Then select Split
Channel. Enter the corresponding tx and rx freqs.

On the radio:
Press VFO
change the frequency to correspond with the rx freq
press "F", then "MR"
Select the memory channel that you would like to save this as
Presss "OK"

Now for the tx portion:
Press VFO
change freq to correspond with tx freq
press "F", then "MR"
select the same memory channel as above
Press "PTT" and "OK" at the same time

You are now ready to use your split channel for Sarex packet. As far as
I
know the radio will not allow cross band splits though....bummer.

"Horzepa, Stan" wrote:
>
> Yes, but I still can't find a way to do a 1.31-MHz offset. If I am in error, please explain how to do
it because I am stumped!

I wrote:
>
> There is a difference between a split channel and an offset. A split
> channel will accept any freq match on the same band, an offset will act
> as you say. Try it using kenwoods software. Double click the channel you
> would like to set up. Select the Split channel option. Enter both rx and
> tx frequencies.
>
> When all else fails read your manual - it will explain how to do split
> channel using the radio alone... a bit more complicated.
>
> Walter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

218. [htaprs] Mt. Washington APRS

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Fri, 30 Jul 1999 13:26:43 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32223-1999.07.30-13.38.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will be in New Hampshire next week and expect to operate APRS with my TH-D7 from the highest point in
New England, Mount Washington. It should be an interesting trek/track.

WA1LOU-8

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

219. [htaprs] Re: How accurate is THE SUBJECT line

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 30 Jul 1999 14:20:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32225-1999.07.30-14.28.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It is OK on a mail list to change the subject line
when the topic takes a sudden turn.

If you want to know about How accurate is APRS
Go to the TAPR archives for the aprs sig and search under posting by
Dr Thomas A Clark (W3IWI). He has posted some gems on this subject.

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

220. [htaprs] Re: Delorme Tripmate

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 30 Jul 1999 14:23:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-32226-1999.07.30-14.32.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I have a friend who wants to know if the Delorme Tripmate GPS will
>interface to the Kenwood D7A. This is that yellow one that comes with mapping
>software. Normally it only operates with a laptop. thanks-ron-kd5hty-NM

Tripmate will work, Earthmate will NOT.

You will need to :
1. Jump pins 2 and 3 at the Tripmate side.

2. Only connect the Tripmate's Output and ground to the TH-D7a GPS input port.

(Leave the TH-D7a output to the input of the Tripmate not connected. Or you will
 have two xmit lines crossed because we already shorted pins 2 and 3)

3. supply power to run the Tripmate.

4. activate the Tripmate's pin 4 to start it.
  JUST SEE http://www.qsl.net/kd4rdb/tripmate.htm

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

221. [htaprs] Re: Delorme Tripmate

From: "Phil Greenland" <pgreen@axom.com>
Date: Fri, 30 Jul 1999 16:25:25 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-32235-1999.07.30-15.32.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All:
You can find a list of GPS receivers tested with the TH-D7A at
http://www.qsl.net/n6qab/n6qabgps1.htm Or from my web page.
Phil
  E-mail: pgreen@axom.com
  Amateur Call: KB8QHM
  Web Page: http://www.axom.com/greenland/index.htm
  ICQ Number: 1499191

----- Original Message -----
From: Robert Winingham <kc5ejk@onramp.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Sent: Friday, July 30, 1999 3:23 PM
Subject: [htaprs] Re: Delorme Tripmate

> >   I have a friend who wants to know if the Delorme Tripmate GPS will
> >interface to the Kenwood D7A. This is that yellow one that comes with
mapping
> >software. Normally it only operates with a laptop. thanks-ron-kd5hty-NM
>
> Tripmate will work, Earthmate will NOT.
>
> You will need to :
> 1. Jump pins 2 and 3 at the Tripmate side.
>
> 2. Only connect the Tripmate's Output and ground to the TH-D7a GPS input
port.
>
> (Leave the TH-D7a output to the input of the Tripmate not connected. Or
you will
> have two xmit lines crossed because we already shorted pins 2 and 3)
>
> 3. supply power to run the Tripmate.
>
> 4. activate the Tripmate's pin 4 to start it.
>   JUST SEE http://www.qsl.net/kd4rdb/tripmate.htm
>
> 73
>
>
>
>
>
> -----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----
>
>
> ---
> You are currently subscribed to htaprs as: pgreen@axom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

222. [htaprs] Re: Mt. Washington APRS

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 30 Jul 1999 19:34:55 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32266-1999.07.30-18.43.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 7/30/99 2:26 PM, Horzepa, Stan (Stan_Horzepa@adc.com) passed this
wisdom:

>I will be in New Hampshire next week and expect to operate APRS with my
>TH-D7 from the highest point in New England, Mount Washington. It should
>be an interesting trek/track.
>
>WA1LOU-8

 will be interested to see if you knife edge over Mt Mansfield and hit
KA2BQE-3. Mt Wash is a milliwatt path from the top of Mansfield. For sure
you should hit VE2RAW-3 (PGH5730) which is SE of Montreal.

Brian B. Riley --> http://members.macconnect.com/~brianbr
   For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "If this is the first day of the rest of my life, I am in DEEP trouble!"

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

223. [htaprs] Odd Splits (was: THD7 offsets?)

From: Arte Booten <n2zrc@webspan.net>
Date: Fri, 30 Jul 1999 21:38:22 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32275-1999.07.30-20.55.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Walter wrote:

>You are not in error, you cannot do a 1.31mhz offset with the D7.

     I wasn't trying to set repeater offset on the V7 (or, by inference, the D7, in which such stuff gets programmed similarly) when saving an odd split to memory. Doing so would muck up the "regular" memory channels one already has on the radio.

>However you can make a split channel to have the same effect ...

     As I said, my area has a few repeaters with outputs in what is the nominally (at least, in many parts of the US) FM simplex subband from 146.400 to 146.595 with inputs 1 MHz up in the other simplex subband at 147.400 to 147.595. Such splits can also be used for MARS and CAP repeaters that have a greater than 4 MHz split (though I'm not saying I'll TRANSMIT on those inputs ... but it's nice to have them around if you need them)!

>The following describes how.
>
>Press VFO
>Change the frequency to correspond with the rx freq
>Press "F", then "MR"
>Select the memory channel that you would like to save this as
>Press "OK"
>
>Press VFO
>Change freq to correspond with tx freq
>Press "F", then "MR"
>Select the same memory channel as above
>Press "PTT" and "OK" at the same time

... Which is also almost exactly the way to do so with the D7.   73

____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|

   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

224. [htaprs] Re: Odd Splits (was: THD7 offsets?)

From: "Jeremy DuMont" <jeremy@slic.com>
Date: Fri, 30 Jul 1999 21:40:26 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "HTAPRSSIG" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32283-1999.07.30-22.41.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a V7 and a D7 and both have commercial odd splits used here
programmed in as 1 memory channel and they do not act any different than any
other channel.
Jeremy "ß£ÅR" DuMont

-----BEGIN GEEK CODE BLOCK-----Version: 3.1
GAT d+ a? C++++ UL L+ W+++ w+++++ O M-- PS Y PGP t--- tv++ DI++++ G h*r---
z--
------END GEEK CODE BLOCK------

decode @ http://www.ebb.org/ungeek/

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225. [htaprs] TH-D7 and APRS plus

From: GPersons <railfan@flash.net>
Date: Fri, 30 Jul 1999 22:35:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32285-1999.07.30-22.44.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anybody on the SIG played with APRS+ and STREET ATLAS and the D7? I
just did and was perplexed with the results.

Here goes. Any suggestions are appreciated.

First let me tell the group how I had everything configured. D7: TNC mode,
not APRS mode. Garmin III+ normal configuration. GPS plugged into the GPS
port and the computer plugged in to the PC port. APRS+ setup configured for
normal operation. TNC port set for 9600 baud, comm port: comm2, mode
normal. TNC configuration set for KPC3. Transmit enabled.

As far as I can tell. all of my settings are correct. Now here in lies the
rub. The GPS is not sending data to the D7 while it is in this
configuration. Yes, it works ok in the APRS mode on the D7. The Lat, Lon,
hang up was on the last entry. In this case it was my QTH. While I am
hearing the packet burst for APRS the APRS program is not putting them on
the Street Atlas map. And I'm not seeing them in APRS. I understand that
not all APRS burst are good. I was using a 1/4 wave mag mount antenna.

The thing that perplexed me the most was when I found out that, for some
strange reason, APRS had put me in British Columbia. (wish I could have
been there with it! hihi)

I have ran APRS with a TNC, GPS and handheld (not the D7) before and had no
problems.

I have asked this question several times on this reflector and no one seems
to know the answer. So I will ask again. What kind of TNC does the D7
emulate? Is the AX25 protocols a normal thing for all TNCs?

I will play with it some more tomorrow.

Any suggestions will be appreciated.

Thanks in advance.

73

Gary

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

226. [htaprs] Magellan 2000XL Data output

From: "David Lester" <upandatum@webhart.net>
Date: Sat, 31 Jul 1999 11:15:25
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32339-1999.07.31-11.24.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Steve,

Well, here it is, fresh off the screen.
Two things to note ....
#1 -- The Magellan 2000XL MUST be in the satellite lock (not searching)
mode before the data is sent to the output. This causes a delay of course
when starting and
#2 -- I'm not sure if any of this "type" of data string is compatible to
the D7A. I KNOW for sure from John Morton (WA4UMR) that the "older/first
batch" of D7A's won't work with anything but $GPWPL BUT perhaps with the
recent upgrade, it will read the numbers properly.

PERHAPS KENWOOD COULD UPDATE US ALL IN THE PRESENT DATA STREAMS THAT WORK

AFTER THE LATEST UPGRADE !!!!

I'll post this to the list as well so all can have the benefit of the
Magellan 2000XL now outputting data, at least to hyperterminal.

73's and thanks for the help
David Lester
VE3KIM
Calabogie
Ontario.

$GPGSA,A,*03

$GPGSV,3,1,12,10,82,036,,24,52,087,39,13,48,088,45,06,47,299,*7A

$GPGSV,3,2,12,26,19,178,,04,16,100,44,30,16,248,,18,07,034,*78

$GPGSV,3,3,12,17,05,285,,19,05,059,,05,04,217,,27,02,094,*78

$GPGLL,4518.9725,N,07641.6890,W,155752.562,V*33

$GPGGA,155752.56,4518.9725,N,07641.6890,W,0,04,11.5,00220,M,,,,*03

$GPRMC,155752.56,V,4518.9725,N,07641.6890,W,03.3,196.6,310799,13.,W*70

$GPGSA,A,*03
----- Original Message -----
From: Steve Adams <adamss@datasys.net>
To: David M. Lester VE3KIM <upandatum@webhart.net>
Sent: Friday, July 30, 1999 8:16 PM
Subject: Re: I just ....

> Interesting story! I guess even the factory is not familiar with what unit
> does what!
>
> Try hooking the Magellan to your computer and see what you get. Load a
> normal communication program like Procomm or Hyperterminal. The standard
> output is 4800 baud, 8 data bits, 1 stop bit, no parity. You should see
> lines of data popping on the screen every second. Every line should start
> with something like $GPGGA, $GPGLL, $GPRMC, or $GPGSV. These are the normal
> GPS identifiers for the string of data that follows.
>
>   If you need more help feel free to contact. I can also tell you more
> about the data following the above identifiers if you want. Let me know how
> it turns out. I would say good luck but it looks like you had that when you
> returned your GPs to the factory :)
>
> Thanks
> Steve Adams
>
>
>
> -----Original Message-----
> From: David M. Lester VE3KIM <upandatum@webhart.net>
> To: adamss@datasys.net <adamss@datasys.net>
> Cc: John V. Morton <wa4umr@mail.sdf.bellsouth.net>; RASNM@aol.com
> <RASNM@aol.com>
> Date: Friday, July 30, 1999 6:00 PM
> Subject: I just ....
>
>
> >Hello Steven,
> >
> >I want to thank you for your message to the list about the
> >Magellan 2000XL .
> >
> >You also need to hear of my experiences about this unit.
> >
> >When I bought the unit about 2 years ago, mine also did not have
> >the small points inside, to hook the data connection to. It only
> >had the springs for the battery terminals.
> >
> >I contacted Magellan technical support and talked to RAY AVALOS. I
> >mentioned to him that my unit did not have the pins as required
> >nor did it have the "menu" item for NMEA available. He found this
> >VERY strange and suggested I return the unit to him with a
> >covering letter about the problem. Two weeks later, I received a
> >brand new unit with the menu items there as well as the pins

> >available for input and output. Apparently, it would seem that
> >early units went out without the data points there. No charge for
> >the new unit and it works like a charm.
> >
> >I know I have output every second now, since I can see it on the
> >scope. Now I just have to link it to the laptop computer to see
> >it, I believe. There might be a problem though with the APRSDOS
> >software since it seems you must "register" your GPS type of unit.
> >My guess is that the free stuff is working only for the Garmin
> >units and since the Magellan have different line outputs it would
> >seem that a different parsing of the data line is needed to
> >successfully place the data into the software for display. We'll
> >see about that on the weekend as I plan to email the creator to
> >see if that's the case.
> >
> >I hope this helps ....
> >
> >Take care,
> >73's
> >David Lester
> >Calabogie Ontario
> >VE3KIM
> >
> >Subject: Re: Magellan GPS 2000XL
> >From: "Steven J Adams" <adamss@datasys.net>
> >Date: Thu, 29 Jul 1999 12:18:49
> >X-Message-Number: 15
> >
> >I have a Magellan 2000 and a 2000XL. Neither of these output any
> >data and
> >therefore won't work with the D7-A. Magellan was a little
> >misleading and
> >leaves you to believe that the 2000XL will output data (thats why
> >I
> >upgraded to XL)but it is not built into the unit. I have looked
> >over a
> >4000XL and in the SETUP menu there is an option for data output.
> >You won't
> >find that option in your menu. There is a "Data Out" connection in
> >the
> >battery case but if you inspect it with an ohmeter and voltmeter
> >you will
> >discover that nothing is connected to it. I learned all of this
> >the hard
> >way - after buying the 2000XL and power/data adaptor.
> >
> >I have since bought a Garmin GPSIIIPlus and love it with my D7-A!
> >
> >Steve Adams
> >KF4NAT
> >
> >
> >
> >
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

227. [htaprs] Re: Magellan 2000XL Data output

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sat, 31 Jul 1999 11:42:52 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-32343-1999.07.31-11.51.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>$GPRMC,155752.56,V,4518.9725,N,07641.6890,W,03.3,196.6,310799,13.,W*70

The above NMEA data is not yet Valid - it is not in sat lock.

When Vaild it will have an A.
$GPRMC,023656.00,A,2752.040,N,08248.461,W,00.0,0W*6

Note the A as in A-OK when the data is valid.
Status: (A=valid,V=invalid)

You must have VALID NMEA data to get the D7a to respond to ANY GPS init.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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228. [htaprs] THD7 and APRS+

From: GPersons <railfan@flash.net>
Date: Sat, 31 Jul 1999 11:47:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32344-1999.07.31-11.56.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ron,
Cool, cool, cool, cool, cool,cool,cool.

I got it running. The suggestion to look on the CD rom payed off. Pages 42,
43 and 44.

Thanks a bunch for the suggestion.

Now I am going to go out and play.

To the rest of the SIG. Bite the bullet and buy the PG4W cable and CD
package. It has a wealth of information on the CD rom and answered one of
my long standing questions. Sure it is expensive, but it saved me a
$1,000,000 worth of irritation.
I would like to thank Ron ,KD5HTY, for his help.

73

Gary KD5DAY

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229. [htaprs] WinAPRS Map making

From: Walter Dunckel <wdunckel@best.com>
Date: Sat, 31 Jul 1999 11:40:05 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-32349-1999.07.31-13.54.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am interested in making some maps for WinAPRS. Could anyone tell me
how to do this.

>From what I have read you need to download the software for a Mac
computer, purchase a conversion program (for running on a PC), then
convert the maps? Is there an easier way? I have also read a little
about converting USGS maps to dos maps, but what about windows maps?

What is the format/protocol of the *.map files?

Any help would be very appreciated.

Thanks,

Walter

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230. [htaprs] WinAPRS Map making

From: RASNM@aol.com
Date: Sat, 31 Jul 1999 15:43:56 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32361-1999.07.31-14.53.38--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

In a message dated 7/31/99 11:48:09 AM US Mountain Standard Time,
wdunckel@best.com writes:

<<
 I am interested in making some maps for WinAPRS. >>

Have you thought about using the common Streat Atlas software with APRSplus?
I am about to try this. <A
HREF="http://www.peel.com/aprs-sa/ve5dgd.htm">peel.com APRSplus</A> .
Aparently it works with D7A. $60 shareware plus Street Atlas around $45.

Yes another $100.... but if this works as advertised it would be great.
Street maps of the whole USA.

Ron-kd5hty

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231. [htaprs] PG4W cable & Software.

From: Brian Fulmer <bfulmer@ix.netcom.com>
Date: Sat, 31 Jul 1999 21:01:35 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32384-1999.07.31-20.11.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello All,

        I have been watching the posts on this board for a while, and have a
question. For those of you who have been able to find the PG4W cable,
who carries it, and how much it it. I have not been able to find a
retailer, who has it in stock. Any help would greatly be appreciated.

                                Sincerely,
                                Brian (KC8FJN)

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

232. [htaprs] Re: PG4W cable & Software.

From: RASNM@aol.com
Date: Sat, 31 Jul 1999 21:56:42 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32396-1999.07.31-21.05.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/31/99 6:04:48 PM US Mountain Standard Time,
bfulmer@ix.netcom.com writes:

<< I have not been able to find a
 retailer, who has it in stock. Any help would greatly be appreciated. >>

Brian, nobody has it to my knowledge. It has been on back order for several
weeks. Should ship (maybe) from Kenwood any day now. AES sells the PG-4W
$55.95   1-800-558-0411 . Though I have made my own cable, I want the book
and CD that comes with it.   73-ron-kd5hty

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233. [htaprs] Re: PG4W cable & Software.

From: GPersons <railfan@flash.net>
Date: Sat, 31 Jul 1999 21:29:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-32404-1999.07.31-21.38.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I ordered mine from AES and waited till it came in. It took about a month
to get it. The cable os great but the in depth manual is fantastic. It
delves into APRS real deep. Worth the wait and money.

73
Gary

At 09:01 PM 1999-07-31 -0400, you wrote:
>Hello All,
>
>   I have been watching the posts on this board for a while, and have a
>question. For those of you who have been able to find the PG4W cable,
>who carries it, and how much it it. I have not been able to find a
>retailer, who has it in stock. Any help would greatly be appreciated.
>
>   Sincerely,
>   Brian (KC8FJN)
>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

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August 1999

Original source file: htaprs.9908
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9908

1. [htaprs] Re: PG4W cable & Software.

From: Clifford Uyeda <cuyeda@ix.netcom.com>
Date: Sun, 01 Aug 1999 01:59:45 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-32459-1999.08.01-04.10.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwood shipped PG-4W cables and software to the dealers this past week
(Wed.). Inventory should be delivered to most Kenwood dealers the start of
August.

At 09:29 PM 7/31/99 -0500, GPersons wrote:
>I ordered mine from AES and waited till it came in. It took about a month
>to get it. The cable os great but the in depth manual is fantastic. It
>delves into APRS real deep. Worth the wait and money.
>
>73
>Gary

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2. [htaprs] WinAPRS Maps

From: "Darryl Smith" <vk2tds@ozemail.com.au>
Date: Sun, 1 Aug 1999 19:02:15 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32460-1999.08.01-04.11.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day

A few people have been asking how to make WinAPRS maps... Some people have
suggested Mac software...

The other option is of course to make the maps in your favourite CAD package
and use DXF2MAP to convert them to WinAPRS map format (or from it to a
number of other formats). This software will also take DosAPRS maps (even
over 3000 points) and convert them to WinAPRS, etc.

The software is available on the TAPR WWW Site. If you have any problems
just email me. I would be glad to help. The software is Freeware/Shareware.
If you use the software and want to make a donation to use it, you can. If
you do not want to make a donation that is fine.

Darryl

Sydney, Australia
Home of the Y2K Olympic Games...

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] Re: WinAPRS Map making

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 1 Aug 1999 12:28:44 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32471-1999.08.01-11.37.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 7/31/99 2:40 PM, Walter Dunckel (wdunckel@best.com) passed this
wisdom:

>I am interested in making some maps for WinAPRS. Could anyone tell me
>how to do this.
>
>From what I have read you need to download the software for a Mac

>computer, purchase a conversion program (for running on a PC), then
>convert the maps? Is there an easier way? I have also read a little
>about converting USGS maps to dos maps, but what about windows maps?
>
>What is the format/protocol of the *.map files?
>
>Any help would be very appreciated.

 to the best of my knowledge there is only one conversion program out to
run Mac on a Wintel - its new and it emulates only a 68040 ... MacDLG,
(Mike, correct me if I am wrong here) wants a PPC emulation. even if it
doesn't MacDLG is very CPU intensive and I would suspect it would be a
dog being emulated on a Pentium.

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "Smith & Wesson: The original point and click interface."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] Thank for everyone's help...

From: Jack_Yu@sanlien.com.tw
Date: Mon, 2 Aug 1999 11:45:30 +0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32542-1999.08.01-22.54.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear Everyone:

Thank you very much for all your kind help...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] Thank for everyone's help...

From: Jack_Yu@sanlien.com.tw
Date: Mon, 2 Aug 1999 11:49:05 +0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32543-1999.08.01-22.58.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear Everyone:

Thank you very much for all your kind help...

My D-7 now can display the GPS position when connecting with Garmin GPS II+
after adding a null modem in the cable queue.

Now the connecting is:

(Garmin GPS II+)--(Garmin cable)--(Null Modem)--(self-made computer-D-7
cable)--(D-7)

It works perfect now. Thank you again, everyone...

73 de BM2AVT

Jack Yu

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] Re: PG4W cable & Software.

From: Alessio Sangalli <manoweb@iname.com>
Date: Mon, 02 Aug 1999 12:42:50 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32577-1999.08.02-05.53.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 21.56 31/07/99 -0400, you wrote:
>In a message dated 7/31/99 6:04:48 PM US Mountain Standard Time,
>bfulmer@ix.netcom.com writes:
>
><< I have not been able to find a
> retailer, who has it in stock. Any help would greatly be appreciated. >>
>
>Brian, nobody has it to my knowledge. It has been on back order for several
>weeks. Should ship (maybe) from Kenwood any day now. AES sells the PG-4W
>$55.95   1-800-558-0411 . Though I have made my own cable, I want the book
>and CD that comes with it.   73-ron-kd5hty

Is there somebody who already has the cd-rom and can put its contents on a
ftp site, while our order is waiting???

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

7. [htaprs] Kenwood software

From: Norman Huber <nihuber@ice.net>
Date: Mon, 2 Aug 1999 07:23:23 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32586-1999.08.02-07.32.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Alessio Sangalli wrote:
Is there somebody who already has the cd-rom and can put its contents on
a
ftp site, while our order is waiting???

Perhaps we should think about that. Software is copywritten and the
owner does not wish to make it freeware. One shouldn't forget it's the
owners choice.

--
Norm - N9ZKS
Bicyclist, Motorcyclist, Ham , Scouter
Year2000 Compliant

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] Re: Kenwood software

From: Alessio Sangalli <manoweb@iname.com>
Date: Mon, 02 Aug 1999 14:38:51 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32587-1999.08.02-07.50.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07.23 02/08/99 -0500, Norman Huber wrote:

>Perhaps we should think about that. Software is copywritten and the
>owner does not wish to make it freeware. One shouldn't forget it's the
>owners choice.

ok, but if Kenwood doesn't make the cd-rom avaiable what should I have to
do?? I live in italy and I think I will have to wait a long time before put
my hands on that cd...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] RE: TH-D7 and APRS plus

From: "Keith Schlottman" <schlottk@mmsi.com>
Date: Mon, 2 Aug 1999 08:07:56 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-32625-1999.08.02-10.17.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was able to get my TH-D7 & Garmin XL12 to work with APRS+SA by setting the system up as follows:

I use the INITTHD7.TNC file that comes with APRSdos. I set the TNC type to HSP instead of standard and check the Dual Port TNC box. It takes a little playing around for it to start properly so if it does not work at first, try choosing these options in different order.

>
> >Has anybody on the SIG played with APRS+ and STREET ATLAS and the D7? I
> >just did and was perplexed with the results.
> >

Keith Schlottman, CPA, KR7RK
E-Mail: kr7rk@earthlink.net
Web Page: http://www.earthlink.net/~kr7rk
My current APRS position: http://map.aprs.net/kr7rk-14

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] Re: Kenwood software

From: Clifford Uyeda <cuyeda@ix.netcom.com>
Date: Mon, 02 Aug 1999 09:20:30 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32635-1999.08.02-11.31.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The PG-4W software is owned by Kenwood and not a second party vendor. If you live outside of the U.S. contact the Kenwood headquarters in your country, perhaps you can request that it be sold in Italy.

snip....
>ok, but if Kenwood doesn't make the cd-rom avaiable what should I have to
>do?? I live in italy and I think I will have to wait a long time before put
>my hands on that cd...
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] Re: Kenwood software

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 2 Aug 1999 16:37:10 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32664-1999.08.02-15.46.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 8/2/99 8:23 AM, Norman Huber (nihuber@ice.net) passed this wisdom:

>
>   Alessio Sangalli wrote:
>Is there somebody who already has the cd-rom and can put its contents on
>a
>ftp site, while our order is waiting???
>
>Perhaps we should think about that. Software is copywritten and the
>owner does not wish to make it freeware. One shouldn't forget it's the
>owners choice.

 Forget that! ... the software is garbage anyway - there are several better shareware/freeware prograsm out there , the importantt thing is the manual ... I believe it is unconscionable on kenwood's part to make the 'extra' manual only available so exepnsively. All of what is in it whould be available with the basic HT package!

Brian B. Riley --> http://members.macconnect.com/~brianbr
   For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"If this is the first day of the rest of my life, I am in DEEP trouble!"

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] Re: D7 rocker swx

From: "Jellybean" <jellybean@galaxytheatre.com>
Date: Mon, 2 Aug 1999 14:13:38 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32665-1999.08.02-16.22.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the same problem here. I find that it is especiallydifficult with the soft case covering the cursor controller. I found that I just have to make sure that I am on the VERY outer edge of the rocker to not send my cursor into oblivion somewhere. My only solution: Plastic surgery for my hands. Must get smaller fingers hihi.

73, de kd6fff
http://www.galaxytheatre.com

"Love does not consist in gazing at each other but in looking together in the same direction."
Antoine de Saint-Exupéry

----- Original Message -----
From: Howard Hecht <st_rider@csi.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Monday, July 26, 1999 5:52 PM
Subject: [htaprs] D7 rocker swx

> Hello all,
> I just got a D7 and Garmin III+ and am in "learning curve mode". Hope
> to join you all on APRS soon.
>
> I'm having a problem with the rocker swx on the D7. When I attempt to
> rock it to the right to select "OK", it as often as not gives me an "up"
> or "down" rather than "ok". I find that I can't just press the rocker
> in on the "ok" dimple as I can with the other three selections, but must
> press in and slide my finger to the right at the same time. Even this
> isn't foolproof.
>
> Is this normal for the rig, or do I have a problem? It's really quite
> annoying, but if that's the way it's supposed to be, I'll have to
> adjust.
>
> TIA,
>
> Howard
>
> --
> Howard Hecht WA1LWD
> Co-Task Force Leader
> New England Ride for Kids
>
> Join our ride 22 Aug 1999
>
> Help find the cause of and cure for
> Pediatric Brain Tumors
>
>
>
> ---
> You are currently subscribed to htaprs as: kd6fff@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] Re: How accurate is APRS?

From: "Jellybean" <jellybean@galaxytheatre.com>
Date: Mon, 2 Aug 1999 14:31:31 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32668-1999.08.02-16.40.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't use anything. However, if there is somewhat universal agreement on
this use of the "-7" to identify the D7 then I would be more than happy to
comply. It makes sense to me BTW. The time it takes to enter a return
message on the radio is 10 times that of a regular computer. I am getting
faster though hihi.

73, de kd6fff

http://www.galaxytheatre.com

"Love does not consist in gazing at each other but in looking together in
the same direction."
Antoine de Saint-Exupéry

----- Original Message -----
From: Jon Ogden <jono@enteract.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Thursday, July 29, 1999 3:04 PM
Subject: [htaprs] Re: How accurate is APRS?

> Dave VanHorn wrote:
>
> >
> >> Ron, somewhere back, there was a suggestion by Bob Bruninga
> >> <bruninga@nadn.navy.mil> Date: Sun, 20 Jun 1999 18:16:25 -0400 (EDT)
> >> that D7A users append the -7 [SSID] to their call sign so other like
> >> users could identify them "since most of us use -7 for the THD7
> >> anyway".
> >
> >From what I have seen, this is almost universal with D7 owners.
>
>
> I use -1
>
> 73,
>
> Jon
> KE9NA
>
>
> ---
> The Second Amendment is NOT about duck hunting!
>
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: kd6fff@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] Re: Kenwood software

From: Howard Hecht <st_rider@csi.com>
Date: Mon, 02 Aug 1999 22:11:20 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>

Message-ID: <LYR845-32704-1999.08.02-21.20.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Brian B. Riley" wrote:

>
> Forget that! ... the software is garbage anyway - there are several
> better shareware/freeware programs out there , the importantt thing is
> the manual ... I believe it is unconscionable on kenwood's part to make
> the 'extra' manual only available so exepnsively. All of what is in it
> whould be available with the basic HT package!

Brian,

What are the shareware/freeware programs and where are they available?

Howard

--
Howard Hecht   WA1LWD
Co-Task Force Leader
New England Ride for Kids

Join our ride 22 Aug 1999

Help find the cause of and cure for
Pediatric Brain Tumors

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] last change

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Tue, 03 Aug 1999 15:07:26 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32773-1999.08.03-08.18.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

Just a couple of weeks to play with the mir digipeater.
MAREX just gave news that during the week of 16th aug. all the ham systems
wil be disconected only the voice system will remain online till the leave
mir.

73 de Andre PE1RDW
http://www.pe1rdw.demon.nl

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] New TH-D7 owner in Chicago. Help!

From: "Ryan Szekeres" <kb9tqn@amsat.org>
Date: Tue, 3 Aug 1999 9:9:5
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32780-1999.08.03-09.17.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Me and my brother got D7s and we gave them a whirl. Nice radio except we
can't hit any of the digipeaters in the Chicago area. We tried it from a
couple places with a few different path settings and I got a couple packets
out at one time or another so we know at least my radio works. I'm thinking
maybe the antenna isn't too great and getting a new one might help. Any
ideas on what else it might be?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] RE: New TH-D7 owner in Chicago. Help!

From: "Ryan Szekeres (KB9TQN)" <kb9tqn@amsat.org>
Date: Tue, 3 Aug 1999 09:55:21 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32784-1999.08.03-10.07.55--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I tried RELAY,WIDE or just plain WIDE,WIDE. I am getting position
reports and I went through and everything is setup ok.

>What is your path setting? Start with RELAY, WIDE, WIDE. That will be
>picked up by anything close. Are you recieving any positions on the D7? Do
>you have the packet on? Beacon on? Good luck!
>
>Good Day,
>J. Scott Ratchford
>General Manager Marshall Vega Corp.
>Ham Radio - KC5JGV
>Calf Creek Lodge #426
>
>On Monday, August 02, 1999 7:00 PM, Ryan Szekeres [SMTP:kb9tqn@amsat.org]
>wrote:
> > Me and my brother got D7s and we gave them a whirl. Nice radio except we
> > can't hit any of the digipeaters in the Chicago area. We tried it from a
> > couple places with a few different path settings and I got a couple
>packets
> > out at one time or another so we know at least my radio works. I'm
>thinking
> > maybe the antenna isn't too great and getting a new one might help. Any
> > ideas on what else it might be?
> >
> > ---
> > You are currently subscribed to htaprs as: kc5jgv@arrl.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] no audio from speaker??

From: RASNM@aol.com
Date: Tue, 3 Aug 1999 11:00:05 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32786-1999.08.03-10.09.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The audio in my D7A just stopped??????? However SP out gives me sound
to my head set? Any ideas before I call Kenwood?

thanks - Ron - Kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] Re: no audio from speaker??

From: John W Wilson <z004391b@bc.seflin.org>
Date: Tue, 3 Aug 1999 19:40:05 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-32840-1999.08.03-18.49.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Most handy talkies have three wires going to the earphone jack. One is
from the audio amp, one is to the earphone, and one to the speaker, or to
a transistor that enables/disables the drive to the speaker. You could
have a defective earphone jack with a bad switch going to the speaker.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Tue, 3 Aug 1999 RASNM@aol.com wrote:

>
>   The audio in my D7A just stopped??????? However SP out gives me sound
> to my head set? Any ideas before I call Kenwood?
>

> thanks - Ron - Kd5hty
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] PeeGee Foah-Dubyah

From: Arte Booten <n2zrc@webspan.net>
Date: Tue, 03 Aug 1999 19:42:22 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32841-1999.08.03-18.51.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     I was awakened from my afternoon nap today by a ringing phone. I
expected to have to hang up on a telemarketer but, to my surprise, this
was a call that wasn't selling me something but telling me something I
already had wanted to buy was available.

     As we all know, the ubiquitous PG-4W cable kit (D7a to PC, and the
accompanying CD) has been on interminable backorder ... including the
one I ordered from AES when I ordered the radio. This call was from AES
asking me if I still wanted it. Wanted it?! Heck yes!

     So, if you ordered a PG-4W from AES and it was backordered, expect
a phone call ... if you're high enough on the list. Those that ordered
it later, good luck!   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Temp. UnSubscribe

From: "Bob Lovell" <kc0efc@amsat.org>
Date: Tue, 3 Aug 1999 20:2:40
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32851-1999.08.03-20.11.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Temp. Unsubscribing so I don't have a ton of mail when I get back. Just a
quick note before leaving for Southern Texas and finally arriving in
Denver. Taking the ThD7a!!

73' Bob / KC0EFC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Re: PG4W cable & Software.

From: "michael morgan" <michael.morgan@nashville.com>
Date: Tue, 3 Aug 1999 19:56:37 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32854-1999.08.03-20.29.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Received my PG4W cable and software from R T Systems today. Don't know how many they have in stock, but
 they were $48.95. Their number is 1-800-723-6922.
                                                Good Luck - KA4MDD

23. [htaprs] Re: PeeGee Foah-Dubyah

From: bobj <bobj@mediaone.net>
Date: Wed, 04 Aug 1999 10:07:23 -0400

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-32921-1999.08.04-09.13.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Arte:

   Please let us know if the Software on the CD that comes with your
cable is an improvement over the one on KenWoods web site...

  Thanks in Advance

 DE K1KAS

Arte Booten wrote:
>
> Hi all,
>
>   I was awakened from my afternoon nap today by a ringing phone. I
> expected to have to hang up on a telemarketer but, to my surprise, this
> was a call that wasn't selling me something but telling me something I
> already had wanted to buy was available.
>
>   As we all know, the ubiquitous PG-4W cable kit (D7a to PC, and the
> accompanying CD) has been on interminable backorder ... including the
> one I ordered from AES when I ordered the radio. This call was from AES
> asking me if I still wanted it. Wanted it?! Heck yes!
>
>   So, if you ordered a PG-4W from AES and it was backordered, expect
> a phone call ... if you're high enough on the list. Those that ordered
> it later, good luck!   73
> ____
> |Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
> |PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
> |Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
> |Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
> |____|
>   A new bumper sticker in New York State reads, "Run Hillary, Run!"
> Democrats put it on the rear bumper. Republicans put it on the front.
>
> ---
> You are currently subscribed to htaprs as: BOBJ@MEDIAONE.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] Re: PeeGee Foah-Dubyah

From: Norman Huber <nihuber@ice.net>
Date: Wed, 4 Aug 1999 09:58:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32926-1999.08.04-10.07.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

bobj wrote:

> Arte:
>
>   Please let us know if the Software on the CD that comes with your
> cable is an improvement over the one on KenWoods web site...
>
>   Thanks in Advance
>
> DE K1KAS
>

I think it is a good book. It appears especially useful for those who are
starting out in either Packet, APRS or SSTV.I just got my cable and CD last
night so I haven't had time to digest the
"Advanced Manual" completely but a quick look shows 182 pages to include basic

information on the modes before explaining how the radio fulfills the
requirements. Then they appear to try and tell you how to use it properly. It
even has some history of the mode and good practices thrown in.

--
Norm - 9ZKS
Bicyclist, Motorcyclist, Ham , Scouter

Year2000 Compliant

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Re: Kenwood software

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Wed, 4 Aug 1999 14:55:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-32942-1999.08.04-14.05.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 8/2/99 10:11 PM, Howard Hecht (st_rider@csi.com) passed this wisdom:

>"Brian B. Riley" wrote:
>
>>
>> Forget that! ... the software is garbage anyway - there are several
>> better shareware/freeware prograsm out there , the importantt thing is
>> the manual ... I believe it is unconscionable on kenwood's part to make
>> the 'extra' manual only available so exepnsively. All of what is in it
>> whould be available with the basic HT package!
>
>Brian,
>
>What are the shareware/freeware programs and where are they available?
>

  start here

 http://www.best.com/~wdunckel/

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  -- give us the rights Abraham Lincoln cherished lovingly:
     "Those who deny freedom to others deserve it not for themselves."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] speaker?? and PG-4W

From: RASNM@aol.com
Date: Wed, 4 Aug 1999 20:59:36 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-32990-1999.08.04-20.10.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/4/99 4:33:57 PM US Mountain Standard Time,
robhanson@juno.com writes:

<< Check the Balance (1) setting>>

thanks Rob, its not the balance and I did a master reset. Kenwood says send
it in.

73-ron-kd5hty

HELLO EVERYONE !!!! My PG-4W Cable and CD came in today from AES

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27. [htaprs] PG-4W manual in PDF?

From: Jack_Yu@sanlien.com.tw
Date: Thu, 5 Aug 1999 10:28:14 +0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33000-1999.08.04-21.37.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear All:

Why don't we ask Kenwood uploading the manual which come with the PG-4W
cable onto their website in PDF format?

73 de BM2AVT

Jack Yu

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28. [htaprs] Garmin GPS 12 MAP

From: "Jeff Burns" <jeffhburns@yahoo.com>
Date: Wed, 4 Aug 1999 21:33:46
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33001-1999.08.04-21.42.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Garmin GPS 12 MAP

I just got my September BackPacker magazine. On page 15 Garmin is
advertising a "GPS 12 MAP." It looks like a GPS 12 CX, but has a black and
white map display. There is not anything on it at garmins web page. Does
anyone know anything about it?

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] PG-4W manual and bulletins on Kenwood site

From: RASNM@aol.com
Date: Wed, 4 Aug 1999 23:00:33 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33008-1999.08.04-22.10.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/4/99 7:30:07 PM US Mountain Standard Time,
Jack_Yu@sanlien.com.tw writes:

<< ask Kenwood uploading the manual which come with the PG-4W >>

Hi Jack, I think Kenwood should improve their amateur section, with product
support bulletins, but I bet they wont list the 180 page in depth manual. I
would like to see items like:

1. Cable bulletin "be careful when you build it"
2. APRS bulletin "dear customers here is a detailed description of Packet
Path"
3. I-gate " the list of APRS "I-gates" across the US
4. APRSplus bulletin "How the installation really works"

73-ron-kd5hty-New Mexico   ;-)

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30. [htaprs] Packet path and I-gate's?

From: RASNM@aol.com
Date: Wed, 4 Aug 1999 23:32:18 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-33011-1999.08.04-22.42.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/4/99 8:21:06 PM US Mountain Standard Time,
wdunckel@best.com writes:

<< Fortunately, APRS handles the routing for us, and finds
 these Igates for us automatically when we send E-mail. >>

Walter, this is what I dont understand yet as a new person to APRS. I have
been using wide, wide. but most often I dont find myself at: <A
HREF="http://maps.aprs.net/kd5hty-7">APRS.net.KD5HTY-7</A>

I was very pleased when when I found myself there with wide,wide,wide. But a
local expert asked me not to use 3 wide because it repeats my signal to many
times. I suspect I could define a specific route to an "I-gate" but I dont
know yet where it is or how to define the path. Although there is an APRS
repeater up on top of Sandia mountain here in Albuquerque. 73-ron-kd5hty

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] Re: Packet path and I-gate's?

From: Jon Ogden <jono@enteract.com>
Date: Wed, 4 Aug 1999 23:46:00 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33024-1999.08.04-23.54.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

RASNM@aol.com wrote:

>Walter, this is what I dont understand yet as a new person to APRS. I have
>been using wide, wide. but most often I dont find myself at: <A
>HREF="http://maps.aprs.net/kd5hty-7">APRS.net.KD5HTY-7</A>
>

Ron,

Let's try this one more time:

An iGate is just a 2m rig that receives incoming packets and forwards
them to the internet. That is it plain and simple. You don't enter a
path to specifically get to one. If it hears you, you are gated.

>I was very pleased when when I found myself there with wide,wide,wide. But a
>local expert asked me not to use 3 wide because it repeats my signal to many
>times. I suspect I could define a specific route to an "I-gate" but I dont
>know yet where it is or how to define the path.

WIDE,WIDE,WIDE is OK no matter what anyone else says. Don't use more
than that though.

Again, there is NO specific path to get to an igate. If he hears you he
hears you. If he doesn't he doesn't. You may make it in sometimes and
not others due to propagation, collided packets (just cause you transmit
through one wide OK, doesn't mean it makes it OK through all three
wides), network outages, etc.

If you really want to get on the internet that badly, then set up your
own igate. There might not be a good reliable one in your local area.
That might sound sarcastic, but it's true. Being on the internet isn't
everything. I rarely look at internet feeds. As long as you are seeing
local stations and they see you (which they are), that's all that's
important. It wasn't that long ago, the iGates didn't even exist.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] Re: PG4W cable & Software.

From: "David Robertson" <drober05@tir.com>
Date: Fri, 6 Aug 1999 10:19:09 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-33154-1999.08.06-09.28.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just received my PG-4W from Universal yesterday. They had it on backorder and were predicting mid-August so I guess they got their shipment early.

Dave Robertson
KC8JZX
  ----- Original Message -----
  From: michael morgan
  To: TAPR HT APRS Special Interest Group
  Sent: Tuesday, August 03, 1999 5:56 PM
  Subject: [htaprs] Re: PG4W cable & Software.

  Received my PG4W cable and software from R T Systems today. Don't know how many they have in stock, but they were $48.95. Their number is 1-800-723-6922.
Good Luck - KA4MDD

33. [htaprs] kd5hty

From: RASNM@aol.com
Date: Fri, 6 Aug 1999 13:05:50 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33157-1999.08.06-12.15.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A local guy here in town helped me with packet path to get me to K5ELP in El Paso from Albuquerque via 2 aprs repeaters. If your on the net at this moment, you will find me at: <A HREF="http://maps.aprs.net/kd5hty-7">APRS.net.KD5HTY-7</A>

Now I can continue with my strougles to get the APRSplus software working with Delorme Street Atlas, so I can see where everyone else is. Apparently there are 25 aprs repeaters in New Mexico. But non are perminate I-gates.
73-Ron

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34. [htaprs] Durability comparison

From: "Jeff Burns" <jeffhburns@yahoo.com>
Date: Fri, 6 Aug 1999 19:30:45
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33175-1999.08.06-19.39.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How durable is the TH-7D in comparison to other HT's?

I am contemplating purchasing my first HAM radio. I am considering the TH-7D because APRS looks like fun, but I expect to be using the radio during outdoor activities that may be hard on the radio. Also a full APRS setup with a TH-7D is stretching my budget. I have been able to answer most of my questions about APRS and the TH-7D by reading the abundance of information available on the web, but the durability question needs a better answer.

Thanks for your help.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] Re: Durability comparison

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Fri, 6 Aug 1999 20:42:00 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-33176-1999.08.06-19.52.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Two weeks ago, I had my TH-D7 and Garmin GPS III+ on the Energizer Bunny Hot Air balloon.. When the balloon landed, it landed pretty hard due to ground wind.. The basket tilted over and actually smashed the package enough to grind it into the dirt and get dirty.
(the package it was in was hanging over the edge of the balloon basket because of space constraints and antenna placement needs)
The package was a soft 'bag-phone' cloth/canvas bag..

The battery came off and the cable came loose, but everything
survived just fine!!

I was quite pleased with the results..

Keith Sproul, WU2Z

>How durable is the TH-7D in comparison to other HT's?
>
>I am contemplating purchasing my first HAM radio. I am considering the
>TH-7D because APRS looks like fun, but I expect to be using the radio
>during outdoor activities that may be hard on the radio. Also a full APRS
>setup with a TH-7D is stretching my budget. I have been able to answer most
>of my questions about APRS and the TH-7D by reading the abundance of
>information available on the web, but the durability question needs a
>better answer.
>
>Thanks for your help.

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] Palm cable question

From: spoiler1 <spoiler1@earthlink.net>
Date: Fri, 06 Aug 1999 21:11:31 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33182-1999.08.06-21.20.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,
I ordered a palm pilot IIIx today. can anyone recommend a place to get
a cable to connect the palm to my D7. I believe I could buy a palm
modem cable and then use a
gender bender to connect the modem cable to the PC cable I built for the
D7. But this would seem to be a large unmanageable cable rig for a
portable aprs station. Any Ideas
would be greatly appreciated.

Thanks

73 Gary
KC5UWA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] Re: Palm cable question

From: kevin <kkelly@radix.net>
Date: Fri, 06 Aug 1999 22:15:16 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-33183-1999.08.06-21.23.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
Try this url
http://www.qsl.net/n6qab/microaprs.htm

73,
Kevin/N6QAB

spoiler1 wrote:

> Hi all,
> I ordered a palm pilot IIIx today. can anyone recommend a place to get
> a cable to connect the palm to my D7. I believe I could buy a palm
> modem cable and then use a
> gender bender to connect the modem cable to the PC cable I built for the

> D7. But this would seem to be a large unmanageable cable rig for a
> portable aprs station. Any Ideas
> would be greatly appreciated.
>
> Thanks
>
> 73 Gary
> KC5UWA
>
> ---
> You are currently subscribed to htaprs as: KKELLY@RADIX.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

38. [htaprs] THD7A and Auto Wx Bulletins

From: Dale Huguley <kg5qd@mediaone.net>
Date: Sun, 08 Aug 1999 11:17:57 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33301-1999.08.08-06.29.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all- I am testing automatic wx bulletins via the internet and need to
know what it takes to get a thd7a to capture a bulletin- I have a
"location" packet that I am able to parse over 50 % of the time of the
format:

SVRDEN>WX:NWS-S8GTaC:SVR 16 EAST mov NORTH 35 BOULDER

which should display on the ht as

NWS   (I have no idea what will show here)
SVR 16 EAST (1st page 1st line- type and offset - Severe Thunderstorm
16 miles East)
mov NORTH 35 (1st page 2nd line- course and speed)

BOULDER   (2nd page- location - what ever fits up to 20 characters)

this rather odd way to say severe thunderstorm 16 miles east of Boulder
moving north at 35 is to get around the limitations of the ht display

if the course /speed offset cannot be parsed then another form is sent:

SVRDEN>WX:NWS-T8GdC:TOR ALONG THE ADAMS/BOULDER COUNTY LINE

which will just print the first 45 characters and quit

The way this should work- an I-gate operator in your area sets "SVRDEN"
in his stations.txt list to i-gate anything from "SVRDEN" to the local
net- the watches/warnings are transmitted along with this "Locator"
packet to the county warning area- you get this packet and do what's
neccessary.

I don't own a thd7a - nor is there one within a hundred miles of here I
can use to test- but there is a way to see if the ht reacts to this
NWS-????? stuff - there are some stations I-gating my hurricane plots to
vhf- under "TROPIC" In these sets are packets like:

TROPIC>WX:NWS-REU10:Tropical Storm Eugene EUGEN+?? plots relative
08/1200z nxt advsry 08/1500z

If this is working you should see the first 45 characters of this
message on your ht

If anyone is seeing this on the thd7d please let me know
If anyone knows what it takes to make the ht capture a packet - let me
know

73 de kg5qd Dale

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

39. [htaprs] Re: THD7A and Auto Wx Bulletins

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sun, 8 Aug 1999 11:24:13 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-33356-1999.08.08-11.33.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>If anyone is seeing this on the thd7d please let me know
>If anyone knows what it takes to make the ht capture a packet - let me
>know

Don't over look the DX formatted data.
Works well for the Th-D7a as it uses a different window and its own
memory.

Length 10   10   10   3   10   10   11   5
DX de abcdefghij1111111111222222222***3333333334444444444**********55555

D7A screen one:

Dx2222222222
1111111111
       55555

D7A Screen two

Dx2222222222
  3333333333
  4444444444

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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40. [htaprs] What is it??

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 9 Aug 1999 08:28:51 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33454-1999.08.09-07.38.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A friend of mine was camping last week and a young boy in the campground
accidently broke one of his Dodge Caravan's windows with a baseball. In
the process of sweeping up the glas whihc sprayed all over inside he
found a small box velcroed under one of the front seats. They had bought
this van used about 16 months ago.

The box is 2 pieces of black painted (crackle finish) sheet metal about
4"x8"x.75" rounded on the long edges and held togther with 6 torx screws.
Held with the labels facing me it has what looks like a standard cellular
threaded RF connector coming out of the top thin end left side and a
DB-25 male connector centered slightly right of coneter as well.. Abou
one third of the way down the right hand thin edge from that same 'top'
reference is an RJ-45 femal connector.

There is a huge label with barcodes that say

 SUN1905WC CT 257H
 E07D797D
 187W-6-00-6059
 58IRC295 H9

Thne there is smaller less permanent seeming label that reads

Man by Motorola INC

FCC ID: IHDT58Z1 EE 3
MODEL: 19349WNMSB
MSN: 327GXJ3533Y
Tx POWER OUTPUT 3W
Canada: 109 182 197 TYPE DNKA
PRI PWR 12 VDC NEG GRND

It had wires and connectors to all three connectors but no obvious
antenna anywhere. Cellular seems like my first guess or is this some form
of LoJack ... inquiring minds wish to know. I cannot see anyone leaving a
normal cell unit in a vehicle and the RJ45 connector was connected to a
wire, not open awaiting a handset to be connected. We haven't had time to
trace any of the wires yet.

Anyone knwo what this thing is?

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "Smith & Wesson: The original point and click interface."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] Re: What is it??

From: Jerry K9GD <jerry@k9gd.com>
Date: Mon, 9 Aug 1999 07:42:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, aprs@lists.tapr.org
Message-ID: <LYR845-33457-1999.08.09-07.52.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A friend of mine was camping last week and a young boy in the campground
accidently broke one of his Dodge Caravan's windows with a baseball. In
the process of sweeping up the glas whihc sprayed all over inside he
found a small box velcroed under one of the front seats. They had bought
this van used about 16 months ago.......

It is a device installed by the manufacturer. A kind of "black box"
that stores data relative to speed, air bag deployment, etc. It
allows the manufacture to determine if all mechanical systems were
working properly prior to an event, such as an accident.

Jerry K9GD
Best Regards,

Jerry K9GD
mailto:jerry@k9gd.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Re: What is it??

From: "Jeff Tong" <brcomm@imt.net>
Date: Mon, 9 Aug 1999 08:19:19 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>, <aprs@lists.tapr.org>
Message-ID: <LYR845-33470-1999.08.09-09.28.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Looks like an EE3 cellular transciever, designed as part of a package to
allow a handheld 300 MW cell phone to be used as the brains in a 3 watt
booster and have hands free operation.
The DB25 interfaces with a cradle that the cell phone sits in, and that
cable is where the power, ignition sense, hands free mic and speaker connect
. The RJ jack is for the privacy handset.

Looks like a typical dealer removal where the mechanic doesn't know what he
has and removed all the visable stuff. Pretty useless by itself unless you
want an 800 mhz doorstop.

Jeff

Jeff

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] Re: What is it??

From: Jon Ogden <jono@enteract.com>
Date: Mon, 9 Aug 99 09:40:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33471-1999.08.09-09.50.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian B. Riley wrote:

>The box is 2 pieces of black painted (crackle finish) sheet metal about
>4"x8"x.75" rounded on the long edges and held togther with 6 torx screws.
>Held with the labels facing me it has what looks like a standard cellular
>threaded RF connector coming out of the top thin end left side and a
>DB-25 male connector centered slightly right of coneter as well.. Abou
>one third of the way down the right hand thin edge from that same 'top'
>reference is an RJ-45 femal connector.

As some said it's either a handheld phone booster unit or it is the guts
of a normal mobile phone (non-handheld) installation.

Sounds like that's what you found.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] RE: Durability comparison

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Mon, 9 Aug 1999 08:20:20 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33473-1999.08.09-10.29.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been using my TH-D7A while hang gliding all summer and it has held up
perfectly. It gets banged around quite a bit as I wear it on my arm which
tends to hit the aluminum downtubes at times but it's never skipped a beat.
Dust is also a big factor when on the ground but I've been careful to keep
the jacks plugged and again no problem.

The one piece of advice I can give you is don't waste your money on the
over-the-ear earphone accessory. It's very flimsy and the 3rd time I used
it one of the puny wires pulled out of the tiny speaker.

One last minor beef is that despite the original ad showing a mountain scene
and a gloved hand operating it, the TH-D7A is very tough to operate with ski
gloves on. I have pretty much given up on that, and make sure everything is
set up prior to launching. When operating with ski gloves I recommend
removing the freq changing knob for better access to the volume control.

Russ Brown
KB6LUD

-----Original Message-----
From: Jeff Burns [SMTP:jeffhburns@yahoo.com]
Sent: Friday, August 06, 1999 12:31 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Durability comparison

How durable is the TH-7D in comparison to other HT's?

I am contemplating purchasing my first HAM radio. I am considering the TH-7D because APRS looks like fun, but I expect to be using the radio during outdoor activities that may be hard on the radio. Also a full APRS setup with a TH-7D is stretching my budget. I have been able to answer most of my questions about APRS and the TH-7D by reading the abundance of

information available on the web, but the durability question needs a better answer.

Thanks for your help.

You are currently subscribed to htaprs as: RUSS.BROWN@WEST.BOEING.COM
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] WinAPRS and AGWPE ??

From: "Peter Black" <zr5dwc@iafrica.com>
Date: Mon, 9 Aug 1999 19:30:50 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33484-1999.08.09-12.40.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All .

I hope that some one out their has had some success with AGWPE (the software that allows you to use your sound card as a tnc.) I know you can set up win aprs to just monitor so I think this will be a good tool if I can just get it to work. I have got it to work with Win Pack and it works very well .

I hope that you can help.

Many thanks
Peter ZR5DWC
South Africa Kloof

http://users.iafrica.com/z/zr/zr5dwc

46. [htaprs] Mic E Digipeater Installation

From: George Carr <amsecllc@telebyte.com>
Date: Mon, 09 Aug 1999 10:35:07 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: Bill Hurd <uiisilv@oly.silverlink.net>
Message-ID: <LYR845-33486-1999.08.09-12.49.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI:

A Microphone Encoder Digipeater was successfully installed at the WWRA UHF repeater Gold Mountain site west of Bremerton, Washington on 7 August. Frequency for the WW7RA repeater operates on a frequency of 442.650MHz t 103.5Hz.

After months of testing remotely the Mic E digi was installed and tested and is operating giving users a wide coverage.

George, N7GME

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] TH-D7a antenna.

From: "Ryan Szekeres (KB9TQN)" <kb9tqn@amsat.org>
Date: Mon, 9 Aug 1999 15:40:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33494-1999.08.09-15.52.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

From what everyone has said it looks like the stock antenna is at the
root of my problems. Hopefully I'll be able to use the radio beyond a
two block range when I get my new antenna tomorrow. I'll be damned
if I can get Kenwood to admit the antenna problems though. They seem
to think it's just dandy.

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48. [htaprs] Re: TH-D7a antenna.

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Mon, 9 Aug 1999 15:44:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33496-1999.08.09-15.54.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> From what everyone has said it looks like the stock antenna is at the
> root of my problems. Hopefully I'll be able to use the radio beyond a
> two block range when I get my new antenna tomorrow. I'll be damned
> if I can get Kenwood to admit the antenna problems though. They seem
> to think it's just dandy.

The comet SMA24 tripled my range. YMMV.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] RE: TH-D7a antenna.

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 9 Aug 1999 16:32:14 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33500-1999.08.09-16.41.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ryan,

 The antenna is NOT that bad, (two blocks seems a little on short side).
There are better antennas you could use. The longer they are the better they
work. HT antennas are all ways a compromise.

  Dwight

"Igate" for Bloomington Indiana, "aprs.k9iu.ampr.org"

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Ryan Szekeres (KB9TQN) [SMTP:kb9tqn@amsat.org]
> Sent: Monday, August 09, 1999 3:41 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] TH-D7a antenna.
>
> From what everyone has said it looks like the stock antenna is at the
> root of my problems. Hopefully I'll be able to use the radio beyond a
> two block range when I get my new antenna tomorrow. I'll be damned

> if I can get Kenwood to admit the antenna problems though. They seem
> to think it's just dandy.
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Tracker Problems

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Mon, 9 Aug 1999 14:57:23 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TH-D7Asig" <htaprs@lists.tapr.org>, "Gpssig" <GPS@tvnav.com>,
"Aprssig" <owner-aprs@qth.net>
Message-ID: <LYR845-33501-1999.08.09-17.06.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just returned from my first real backpacking trip of the season this weekend in the Olympic Mts. in Western Washington. The amount of snow remaining is unbelievable. The two mountain lakes that I checked are still totally frozen. There were remains of lots of avalanches that made my normal routes impassable. It does not appear that any of my mountain lakes will thaw out this year. They are all between 3900 to 6000 ft.

I took my new Garmin III+ and TH-D7A along on my trip and was on APRS for a short while. Maybe some of you saw me (KB7UVC-7) on the screen this last Saturday and Sunday. I did receive and pass messages with W7JEZ and N7JGX but was not sure if I really was on the screen. If you saw me on your screen, I would appreciate an email telling me that you saw me and where you are located.

On Sunday afternoon my Tracker DIED! First my TH-D7A quit transmitting when I pressed the BCON button. I could no longer transmit on any of my programmed channels on either band! When I check my MSG screens, they were filled with lots of graphic type hieroglyphics. Today I played with it and found that my Offset on all of my channels is some way-out figure of "44.vertical line with two horizontal lines/MHz". So whenever I try to transmit, it just beeps at me. Lots of the keys do not respond, including the BCON key. No, I have not done a CPU reset yet, still trying to gather more info before I try that.

Next, I then tried to plot my track out of the mountains on my III+, but every time I looked at it, it was shut off. I played with it today and it appears that the battery door is causing my problem. Thanks, George/N7GME for steering me in that direction. If it does not turn on, and I hold the door tight while turning it on, it will turn on but most of the time when I release pressure on the door, it turns off. I also noticed that the Alkaline battery timer no longer resets when I change the batteries. On external power it still seems to work fine. I have already sent Garmin an email requesting return authorization.

Has anyone experienced either of these problems before? If so, what did you do to resolve them? If not, keep a look out for them. I have no idea why both units would fail on this trip.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] RE: TH-D7a antenna.

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Mon, 9 Aug 1999 15:07:16 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33502-1999.08.09-17.16.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My stock TH-D7A antenna experience: Instead of the stock antenna, I wanted to use a 19 inch flexible wire sewn into my jacket since I often wear the unit on my left arm. Worried about performance and wanting to test it, I took my new out-of-the-box TH-D7A up the street and talked to a friend on 2 meter with each antenna. To my surprise, the limp wire easily

outperformed the stock antenna! Maybe they made a bad batch, I don't know.
I've been meaning to send it in but haven't.

        Russ Brown, KB6LUD

        p.s. I don't like to be a big complainer because I love Kenwood for
putting out the TH-D7A but the GPS cable that came with it also had multiple
shorts and was unusable.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] RE: TH-D7a antenna.

From: "Kraig" <jellybean421@earthlink.net>
Date: Mon, 9 Aug 1999 15:27:55 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33504-1999.08.09-17.36.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was getting ready to send in my TH-D7A beacuse I was getting all sorts of
weird cutouts of signals that are full scale on any other HT I own. This is
encouraging (in a frightful way) to see that merely replacing the antenna
with a comet has made night and day differences. Thanks for posting.

73 de kd6fff
Jellybean
http://www.galaxytheatre.com

"Love does not consist in gazing at each other but in looking together in
the same direction."
Antoine de Saint-Exupéry

----- Original Message -----
From: Brown, Russell R <Russ.Brown@West.Boeing.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Monday, August 09, 1999 3:07 PM
Subject: [htaprs] RE: TH-D7a antenna.

> My stock TH-D7A antenna experience: Instead of the stock antenna, I
> wanted to use a 19 inch flexible wire sewn into my jacket since I often
wear
> the unit on my left arm. Worried about performance and wanting to test
it,
> I took my new out-of-the-box TH-D7A up the street and talked to a friend
on
> 2 meter with each antenna. To my surprise, the limp wire easily
> outperformed the stock antenna! Maybe they made a bad batch, I don't
know.
> I've been meaning to send it in but haven't.
>
> Russ Brown, KB6LUD
>
> p.s. I don't like to be a big complainer because I love Kenwood for
> putting out the TH-D7A but the GPS cable that came with it also had
multiple
> shorts and was unusable.
>
> ---
> You are currently subscribed to htaprs as: kd6fff@arrl.net
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>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] Re: Tracker Problems

From: "Kraig" <jellybean421@earthlink.net>
Date: Mon, 9 Aug 1999 15:33:32 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TH-D7Asig" <htaprs@lists.tapr.org>, "Gpssig" <GPS@tvnav.com>,
        "Aprssig" <owner-aprs@qth.net>
Message-ID: <LYR845-33506-1999.08.09-17.43.02--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I had the same problem with the radio this past weekend. All of my offsets were in cybertounge and even when I twisted the knob to try and reset the offset to where it should be, I had decimals in it at weird offsets. After playing for an hour, I hit the big reset switch. Fortunately, I had everything backed up with the software for the radio. That was a lifesaver. If I didn't have it backed up, I might have dug further like you are doing. Good luck and BTW, the reset took care of the problem.

73 de kd6fff
Jellybean
http://www.galaxytheatre.com

"Love does not consist in gazing at each other but in looking together in the same direction."
Antoine de Saint-Exupéry

----- Original Message -----
From: Herb Gerhardt, KB7UVC <gerhardt@hctc.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TH-D7Asig <htaprs@lists.tapr.org>; Gpssig <GPS@tvnav.com>; Aprssig <owner-aprs@qth.net>
Sent: Monday, August 09, 1999 2:57 PM
Subject: [htaprs] Tracker Problems

> I just returned from my first real backpacking trip of the season this
> weekend in the Olympic Mts. in Western Washington. The amount of snow
> remaining is unbelievable. The two mountain lakes that I checked are still
> totally frozen. There were remains of lots of avalanches that made my
> normal routes impassable. It does not appear that any of my mountain lakes
> will thaw out this year. They are all between 3900 to 6000 ft.
>
> I took my new Garmin III+ and TH-D7A along on my trip and was on APRS for a
> short while. Maybe some of you saw me (KB7UVC-7) on the screen this last
> Saturday and Sunday. I did receive and pass messages with W7JEZ and N7JGX
> but was not sure if I really was on the screen. If you saw me on your
> screen, I would appreciate an email telling me that you saw me and where you
> are located.
>
> On Sunday afternoon my Tracker DIED! First my TH-D7A quit transmitting when
> I pressed the BCON button. I could no longer transmit on any of my
> programmed channels on either band! When I check my MSG screens, they were
> filled with lots of graphic type hieroglyphics. Today I played with it and
> found that my Offset on all of my channels is some way-out figure of
> "44.vertical line with two horizontal lines/MHz". So whenever I try to
> transmit, it just beeps at me. Lots of the keys do not respond, including
> the BCON key. No, I have not done a CPU reset yet, still trying to gather
> more info before I try that.
>
> Next, I then tried to plot my track out of the mountains on my III+, but
> every time I looked at it, it was shut off. I played with it today and it
> appears that the battery door is causing my problem. Thanks, George/N7GME
> for steering me in that direction. If it does not turn on, and I hold the
> door tight while turning it on, it will turn on but most of the time when I
> release pressure on the door, it turns off. I also noticed that the
> Alkaline battery timer no longer resets when I change the batteries. On
> external power it still seems to work fine. I have already sent Garmin an
> email requesting return authorization.
>
> Has anyone experienced either of these problems before? If so, what did you
> do to resolve them? If not, keep a look out for them. I have no idea why
> both units would fail on this trip.
>
> Herb, KB7UVC
> NW APRS Group, West Sound Coordinator
> www.nwaprs.org <http://www.nwaprs.org>
>
>

> ---
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> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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54. [htaprs] Re: Tracker Problems

From: "Darrel Goheen" <GPS@tvnav.com>
Date: Mon, 9 Aug 1999 17:58:27 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TH-D7Asig" <htaprs@lists.tapr.org>, "Aprssig" <owner-aprs@qth.net>
Message-ID: <LYR845-33509-1999.08.09-18.08.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Next, I then tried to plot my track out of the mountains on my III+, but
> every time I looked at it, it was shut off. I played with it today and it
> appears that the battery door is causing my problem. Thanks, George/N7GME
> for steering me in that direction. If it does not turn on, and I hold the
> door tight while turning it on, it will turn on but most of the time when I
> release pressure on the door, it turns off. I also noticed that the
> Alkaline battery timer no longer resets when I change the batteries. On
> external power it still seems to work fine. I have already sent Garmin an
> email requesting return authorization.
>
> Has anyone experienced either of these problems before? If so, what did you
> do to resolve them? If not, keep a look out for them. I have no idea why
> both units would fail on this trip.

    It is known that some GPS III's and III Plus's had a problem with the batteries fitting too loose thus causing the batteries to lose contact and shutting the GPS off. Garmin will fix the problem. If you bought the GPS within the last 90 days from a dealer they should exchange the GPS for you saving you the return to Garmin hassles.

Darrel Goheen
GPS@tvnav.com
http://www.tvnav.com/navhome.html
Voice/Fax 785-625-3546

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] TH-D7 and Magellan GPS 315

From: "Tim Yeatman" <tyeatman@aei.ca>
Date: Mon, 9 Aug 1999 20:19:29
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33531-1999.08.09-20.28.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all. Glad to join this esteemed list. Have recently acquired the
Kenwood HT and would really like to see it receive NMEA output from my
GPS315. It won't. I scoured the archives and the only 3 possibilities that
I've found are:
1) swap the tx rx wires - done
2) set the speed to 4k8 - done
3) make sure the Kenwood firmare is up to date - done with the help of
Gerry VE2AW
The GPS does output data, checked using TripMate.
Any ideas?
Havent't seen anyone using this GPS on the sig. I now realize I should have
bought at least a receiver with an antenna jack. Cheers and 73's
VA2TPY

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] Magellan GPS 315

From: RASNM@aol.com
Date: Mon, 9 Aug 1999 21:33:57 EDT

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33537-1999.08.09-20.44.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/9/99 6:21:32 PM US Mountain Standard Time,
tyeatman@aei.ca writes:

<< would really like to see it receive NMEA output from my
 GPS315. It won't. >>

Hi Tim, I use the Magellan 320, works fine and I am very new at this.

Even after the GPS finds a position it seems to take a while for the D7A to
"display" your positon.

Can you select Nmea V2.1 GSA in the 315 ? Baud rate 4800

Look at the second note on page 68 (D7A manual) about "copy the measured data
to the positon entry display. I am not sure how important this is but I set
to "Copy to Menu"

73-ron-kd5hty

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

57. [htaprs] Re: TH-D7a antenna.

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 9 Aug 1999 22:15:17 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33545-1999.08.09-21.24.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 8/9/99 4:44 PM, Dave VanHorn (dvanhorn@cedar.net) passed this wisdom:

>> From what everyone has said it looks like the stock antenna is at the
>> root of my problems. Hopefully I'll be able to use the radio beyond a
>> two block range when I get my new antenna tomorrow. I'll be damned
>> if I can get Kenwood to admit the antenna problems though. They seem
>> to think it's just dandy.
>
>
>The comet SMA24 tripled my range. YMMV.

 The stock antenna isn't all that bad, but the Comet SM-24 is most
definitely a vast imporvement. I was using the stock antenna as much as
20 miles from my digi on the intermediate power setting ("L") with no
problems. YMMV as well.

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "ASCII stupid question, get a stupid ANSI" - from out on the Net

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] RE: TH-D7a antenna.

From: Jon Ogden <jono@enteract.com>
Date: Mon, 9 Aug 1999 23:31:52 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33562-1999.08.09-23.40.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kraig wrote:

>I was getting ready to send in my TH-D7A beacuse I was getting all sorts of
>weird cutouts of signals that are full scale on any other HT I own. This is
>encouraging (in a frightful way) to see that merely replacing the antenna
>with a comet has made night and day differences. Thanks for posting.

Everyone might also want to note that if you turn the VHF AIP function

ON, you will see a HUGE decrease in sensitivity. A full scale signal
will quite possibly come in half scale with the VHF AIP on. What this
function essentially does is add some front end attenuation so as to not
overdrive the first IF mixer. This is very handy when in places where
there is a lot of strong RF - particularly out of band RF.

In the majority of cases and operating environs, you won't need to use
the VHF AIP. So turn it off unless you need it due to the radio getting
overloaded. The manual does a poor job of explaining this and I had mine
on for a while until I really examined the difference.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Re: Tracker Problems

From: Jon Ogden <jono@enteract.com>
Date: Tue, 10 Aug 99 09:16:14 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33601-1999.08.10-09.25.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Herb Gerhardt, KB7UVC wrote:

>When I check my MSG screens, they were
>filled with lots of graphic type hieroglyphics. Today I played with it and
>found that my Offset on all of my channels is some way-out figure of
>"44.vertical line with two horizontal lines/MHz".

Hi Herb,

This problem, I have seen before. My friend Marc, N8KWX, had it happen
shortly after buying his unit at Dayton. Somehow the micro-P gets
scrambled. Not sure if it is due to battery voltage getting low or what.
 The only thing that worked for Marc was a total reset. He did that and
it has worked fine since then. So just belly up to the bar and do the
reset sequence.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] RE: TH-D7a antenna.

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Tue, 10 Aug 1999 10:37:47 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33615-1999.08.10-11.48.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
> Date: Mon, 9 Aug 1999 15:07:16 -0700

>   My stock TH-D7A antenna experience: Instead of the stock antenna, I
>wanted to use a 19 inch flexible wire sewn into my jacket since I often wear
>the unit on my left arm. Worried about performance and wanting to test it,
>I took my new out-of-the-box TH-D7A up the street and talked to a friend on
>2 meter with each antenna. To my surprise, the limp wire easily
>outperformed the stock antenna! Maybe they made a bad batch, I don't know.
>I've been meaning to send it in but haven't.

>   Russ Brown, KB6LUD

Shouldn't be a big surprise that a Rubber Dummy antenna isn't efficient. Imagine taking a nice straight resonant antenna (like you made yourself), and crumpling it up then embedding it into absorbent dielectric material. You won't improve it! It's not Kenwood's fault, it's just the necessary compromises inherent in making a short durable antenna. All HT helicals are fairly similar in their compromises.

For example, I used an HTX-202 to hit a repeater that was around a low ridge and about 12 miles away. With the stock helical at 5W I could barely hold the repeater's input. Using a long-duck type antenna, straight and about 19", I got in reliably but with significant residual white noise. When I hooked up the HT to a rooftop colinear (Diamond X50) it was nearly full quieting at 1W. Short antennas barely above the ground do not a good signal make.

The ARRL handbook has plans for an extremely efficient (for it's size) HT antenna that has a center loading coil and a capacitance hat for top loading as well. They are the next best thing to a Hot Rod 5/8 wave.

Another trick some people swear by though it hasn't apparently done anything for me on the HTX-202, is a 19 inch "Tiger Tail" dangling from the BNC or SMA outer shell on an HT. The theory being that the radio finally gets an RF counterpoise to the unbalanced whip antenna. Could be that the mass of the '202 is enough of a counterpoise? :-) Dunno.

The most fun for the buck of any HT antenna I've used is a twin-lead J-Pole strung up in a tree. It's not the best arrangement for pedestrian-mobile operating though, but roll it up and it's great for the emergency kit.

73,
Tony KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] RE: TH-D7a antenna.

From: Jon Ogden <jono@enteract.com>
Date: Tue, 10 Aug 99 13:50:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33623-1999.08.10-13.59.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tony Arnerich wrote:

>Shouldn't be a big surprise that a Rubber Dummy antenna isn't efficient.
>Imagine taking a nice straight resonant antenna (like you made yourself),
>and crumpling it up then embedding it into absorbent dielectric material.
>You won't improve it! It's not Kenwood's fault, it's just the necessary
>compromises inherent in making a short durable antenna. All HT helicals
>are fairly similar in their compromises.

Agreed. Although the TH-D7's duck is much worse than similar sized 2M only ducks. Perhaps its because it is a dual band antenna that causes it to suffer. Kinda like putting 10 pounds of rocks in a 5 pound bag!

But yes, in general, ducks aren't all that terrific. If they were, the 40 meter duck that Smiley always has on display at Dayton would sell like hotcakes!

73,

Jon

KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

62. [htaprs] TH-D7 and Eagle Explorer GPS

From: walter@ca.ibm.com
Date: Tue, 10 Aug 1999 15:33:31 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33628-1999.08.10-14.44.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was wondering if someone can help me with this one:

I am thinking of getting into the APRS arena by acquiring a TH-D7 HT and
hooking it into an existing Eagle Explorer GPS. I have checked the message
threads and haven't come-up with anyone who had done so. Is this possible ?.

Walter Mangra
VE3TPP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] Re: TH-D7 and Eagle Explorer GPS

From: "Phil Greenland" <pgreen@axom.com>
Date: Tue, 10 Aug 1999 15:47:34 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33629-1999.08.10-14.55.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check out N6QAB's page at http://www.qsl.net/n6qab/n6qabgps1.htm or from my
web page. He has a list of GPS units that have been tested with the TH-D7A.
  E-mail: pgreen@axom.com
  Amateur Call: KB8QHM
  Web Page: http://www.axom.com/greenland/index.htm
  ICQ Number: 1499191

----- Original Message -----
From: <walter@ca.ibm.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Tuesday, August 10, 1999 3:33 PM
Subject: [htaprs] TH-D7 and Eagle Explorer GPS

>
>
> I was wondering if someone can help me with this one:
>
> I am thinking of getting into the APRS arena by acquiring a TH-D7 HT and
> hooking it into an existing Eagle Explorer GPS. I have checked the message
> threads and haven't come-up with anyone who had done so. Is this possible
?.
>
>
> Walter Mangra
> VE3TPP
>
>

>
>
>
> ---
> You are currently subscribed to htaprs as: pgreen@axom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] Digipeaters

From: "Kevin Numbers, KC8MTV" <kc8mtv@arrl.net>
Date: Tue, 10 Aug 1999 16:50:44 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33634-1999.08.10-15.56.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Before I hit the books on this question, I was wanting to get a "Cliff
Notes" version from you guys. Setting up a digipeater.
I have a Kenwood TM-261A that I would like to set up as a digipeater. My
situation is that I am using my TH-D7A in the house and I am about 20 miles
from the nearest digipeater. Can I set up my Kenwood TM-261A in my mobile as
a digipeater then transmit from my house using the TH-D7A out to my vehicles
TM-261A then out?
I'm extremely new to APRS but I have learned a wealth of info on this group,
thanks a 1,000,000 :)

73's
Kevin Numbers, KC8MTV
E-Mail: kc8mtv@arrl.net
E-Mail: kc8mtv@hotmail.com
Web Page: http://www.greenapple.com/~knumbers
My APRS Location: http://maps.aprs.net/kc8mtv-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] Re: Digipeaters

From: Valentino Sarro <sarrov@home.com>
Date: Tue, 10 Aug 1999 14:54:35 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-33635-1999.08.10-16.06.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Kevin Numbers, KC8MTV" wrote:

> Before I hit the books on this question, I was wanting to get a "Cliff
> Notes" version from you guys. Setting up a digipeater.
> I have a Kenwood TM-261A that I would like to set up as a digipeater. My
> situation is that I am using my TH-D7A in the house and I am about 20 miles
> from the nearest digipeater. Can I set up my Kenwood TM-261A in my mobile as
> a digipeater then transmit from my house using the TH-D7A out to my vehicles
> TM-261A then out?
> I'm extremely new to APRS but I have learned a wealth of info on this group,
> thanks a 1,000,000 :)
>
> 73's
> Kevin Numbers, KC8MTV
> E-Mail: kc8mtv@arrl.net
> E-Mail: kc8mtv@hotmail.com
> Web Page: http://www.greenapple.com/~knumbers
> My APRS Location: http://maps.aprs.net/kc8mtv-7
>

Of course this can be done... in fact I do this at home here in Calgary. The use
of this mobile digipeater allows access to the APRS network when the HT alone
will not make it....

If you are using a TNC in the vehicle (such as a KPC-3 or 3+) then there is an
added advantage... we configure the mobile TNCs to use the generic label
"MOBILE"....you'll recall the labels known as WIDE, RELAY, TRACE, etc.

Well, lets say the members of your ARES group who are APRS capable are in a
building or otherwise inaccessable via the network it would be possible to send
an APRS message or bulletin via the local WIDE and then to MOBILE which would
activate any mobile digi and likely allow reception to a D7 in a building or
something.

73 de VE6SZR, Tino
Calgary, Alberta

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] Re: Digipeaters cont'd

From: Valentino Sarro <sarrov@home.com>
Date: Tue, 10 Aug 1999 15:01:17 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33637-1999.08.10-16.13.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I should have clarified that if a person is using a KPC-3 or 3+ as a simple tracker,
it could be used as a mobile digipeater simultaneously as well....ooops, sorry...

Tino.

Valentino Sarro wrote:

> "Kevin Numbers, KC8MTV" wrote:
>
> > Before I hit the books on this question, I was wanting to get a "Cliff
> > Notes" version from you guys. Setting up a digipeater.
> > I have a Kenwood TM-261A that I would like to set up as a digipeater. My
> > situation is that I am using my TH-D7A in the house and I am about 20 miles
> > from the nearest digipeater. Can I set up my Kenwood TM-261A in my mobile as
> > a digipeater then transmit from my house using the TH-D7A out to my vehicles
> > TM-261A then out?
> > I'm extremely new to APRS but I have learned a wealth of info on this group,
> > thanks a 1,000,000 :)
> >
> > 73's
> > Kevin Numbers, KC8MTV
> > E-Mail: kc8mtv@arrl.net
> > E-Mail: kc8mtv@hotmail.com
> > Web Page: http://www.greenapple.com/~knumbers
> > My APRS Location: http://maps.aprs.net/kc8mtv-7
> >
>
> Of course this can be done... in fact I do this at home here in Calgary. The use
> of this mobile digipeater allows access to the APRS network when the HT alone
> will not make it....
>
> If you are using a TNC in the vehicle (such as a KPC-3 or 3+) then there is an
> added advantage... we configure the mobile TNCs to use the generic label
> "MOBILE"....you'll recall the labels known as WIDE, RELAY, TRACE, etc.
>
> Well, lets say the members of your ARES group who are APRS capable are in a
> building or otherwise inaccessable via the network it would be possible to send
> an APRS message or bulletin via the local WIDE and then to MOBILE which would
> activate any mobile digi and likely allow reception to a D7 in a building or
> something.
>
> 73 de VE6SZR, Tino
> Calgary, Alberta
>
> ---
> You are currently subscribed to htaprs as: sarrov@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] Re: Digipeaters

From: rbost@itexas.net (Roy Bost)
Date: Tue, 10 Aug 1999 16:17:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33639-1999.08.10-16.26.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm sure I'm missing something here, but why not use the 261A in the house
and the D7 in the car? I think you would be better served using the 25W-50W
radio at the house with a good antenna as a relay to the digi 20 miles away.

Roy Bost N5TAM
rbost@itexas.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] D7A VHF/UHF split

From: Jon Anhold <jon@snoopy.net>
Date: Tue, 10 Aug 1999 19:49:01 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33652-1999.08.10-18.58.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know if you can setup a memory channel on the "B" band
to listen on VHF and transmit on UHF?

73 de N8USK

-j

--
Keaton once said, "I don't believe in God, but I'm afraid of him."
Well I believe in God, and the only thing that scares me is Keyser Soze.
                                                - Verbal Kint

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] Re: D7A VHF/UHF split

From: Jon Ogden <jono@enteract.com>
Date: Tue, 10 Aug 1999 19:10:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33655-1999.08.10-19.19.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Anhold wrote:

>Does anyone know if you can setup a memory channel on the "B" band
>to listen on VHF and transmit on UHF?

Can't do it AFAIK.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] D7A computer & gps

From: Jon Anhold <jon@snoopy.net>
Date: Tue, 10 Aug 1999 21:03:29 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33660-1999.08.10-20.12.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ok, one more question.. it is possible to connect both a computer
running winaprs (or whatever) _and_ connect a GPS, and have it run
as a tracking station somehow, right?

--
>From now on, I will try not to reason with the idiots I encounter.
I will dismiss them by waving my paw and saying 'Bah'
                                                    - Dogbert

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] RE: D7A computer & gps

From: jlagreek <jlagreek@inlink.com>
Date: Tue, 10 Aug 1999 20:32:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33662-1999.08.10-20.43.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ok, one more question.. it is possible to connect both a computer
running winaprs (or whatever) _and_ connect a GPS, and have it run
as a tracking station somehow, right?

Yes, for just tracker mode, GPS and D7 you need to push the TNC button just
once. When you are running the computer you need to push the TNC button
twice, the display will read TNC.

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] Re: D7A computer & gps

From: rbost@itexas.net (Roy Bost)
Date: Tue, 10 Aug 1999 20:37:50 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33663-1999.08.10-20.46.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No problem as long as your computer has two com ports! I'm not sure, but it
may be possible to input GPS into the D7 and output to a computer using the
computer port on the D7.

Roy Bost N5TAM
rbost@itexas.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

73. [htaprs] WinAPRS to THD7+GPS using one port

From: "Walter Dunckel" <wdunckel@best.com>
Date: Tue, 10 Aug 1999 20:02:46 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33680-1999.08.10-22.08.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, (with version 2.2.8 of WinAPRS at least) you can set it up to run off
of one comm port. Computer to TH-D7 to GPS. You need to select TNC then
select Kenwood DC (for digital communicator). This will poll the GPS info

from your TH-D7 every 30 to 60 seconds or so. Remember to put the radio into
PACKET mode!

WinAPRS download located at http://www.tapr.org

Walter
http://www.radiohound.com

From: Roy Bost

>No problem as long as your computer has two com ports! I'm not sure, but
it
>may be possible to input GPS into the D7 and output to a computer using the
>computer port on the D7.
>
>Roy Bost N5TAM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

74. [htaprs] D7 question

From: jlagreek <jlagreek@inlink.com>
Date: Tue, 10 Aug 1999 22:34:40 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33684-1999.08.10-22.45.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The D7 has 2 serial ports. One for the computer, and one for a GPS. You
should always plug the GPS into the D7. Then if you use a computer, it goes
into the other port. All the current versions of APRS support this.

The D7 has two modes.

 When you push the TNC button once. You are in APRS mode. In this mode the
built in software performs basic APRS functions. You can send/receive
messages, receive position reports, and a few other functions. The GPS port
is fixed at 4800 baud.

If you push the TNC button twice, you are TNC mode. You now have a radio
and TNC. You need some software to talk to the TNC. That could be any
version of APRS, a terminal program, etc. the PC port is fixed at 9600
baud. The TNC is capable of send packet data at 1200 or 9600 baud. When you
run APRS in this mode the D7 acts as your second serial port. The computer
only needs 1 serial port. The APRS software requests the GPS data from the
D7 at some interval.

In my car, I typically run the D7 and a GPS most of the time as a tracker.
When I want to use pocketAPRS, I just plug the palm into the PC port, press
the TNC button until TNC shows on the display and I now am a full station.
Hope this clears some of the confusion.

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

75. [htaprs] Map site

From: Howard Hecht <st_rider@csi.com>
Date: Wed, 11 Aug 1999 00:13:08 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33695-1999.08.10-23.23.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Someone had a URL in his posting which referred to a site where
thousands of maps were available. I had a bad Netscape moment while
checking the site. Now can't find the email or the URL.

Will the person who had the info please re-post it or send it to me
privately, please?

TIA,

Howard

--
Howard Hecht   WA1LWD
Co-Task Force Leader
New England Ride for Kids

http://go.to/nerfk

Join our ride 22 Aug 1999

Help find the cause of and cure for
Pediatric Brain Tumors

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

76. [htaprs] Re: Map site

From: Howard Hecht <st_rider@csi.com>
Date: Wed, 11 Aug 1999 09:54:57 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33739-1999.08.11-09.04.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I mixed up my maillists. The info I wanted had been posted on the
Garmin list.

For anyone who might be interested, here is the info:

Download 1.6 Million waypoints for your Garmin GPS -
http://www.topografix.com

Howard

--
Howard Hecht   WA1LWD
Co-Task Force Leader
New England Ride for Kids

http://go.to/nerfk

Join our ride 22 Aug 1999

Help find the cause of and cure for
Pediatric Brain Tumors

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] [O/T] Ham Stores in Japan

From: "Mark Keiser" <mkeiser@chi.navtech.com>
Date: Wed, 11 Aug 1999 09:17:19 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33742-1999.08.11-09.31.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm going to Japan next week and, due to screwed up scheduling, may actually
get to play 'tourist' on Saturday. Any particular ham stores worth seeing
(and where are they)? I thought I'd look around for that little Standard
tri-band radio (2/440/1.2) that's about the size of a Motorola Bravo pager.

Mark
N4OGL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] Re: [O/T] Ham Stores in Japan

From: "Jeff Tong" <brcomm@imt.net>
Date: Wed, 11 Aug 1999 09:04:41 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33747-1999.08.11-10.14.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you are going to tokyo there is a part of town called Akihabra (spelling possibly wrong). It is several square blocks of multi storied electronics stores selling everything from microwave ovens to ham radio gear to the most bizzare mix of components & kits. There are stores thet sell nothing but transformers, or connectors, or transistors,etc.
Can't remember how to get there, but it has its own station on one of the train lines. Perhaps the bellman at your hotel will know or call the embassy and ask them.Their communications types probibly know.
Jeff

-----Original Message-----
From: Mark Keiser <mkeiser@chi.navtech.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Wednesday, August 11, 1999 8:20 AM
Subject: [htaprs] [O/T] Ham Stores in Japan

>I'm going to Japan next week and, due to screwed up scheduling, may actually
>get to play 'tourist' on Saturday. Any particular ham stores worth seeing
>(and where are they)? I thought I'd look around for that little Standard
>tri-band radio (2/440/1.2) that's about the size of a Motorola Bravo pager.
>
>Mark
>N4OGL
>
>
>---
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>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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79. [htaprs] Soft Case (SC-40)

From: "Jeff Budzynski" <jeffb@t-one.net>
Date: Wed, 11 Aug 1999 14:21:33 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33763-1999.08.11-13.31.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello to everyone on the group.
I wondering about the quality of Kenwood's SC-40 soft case. Is it though, protective?
I've also been having trouble finding an online store that will sell these. All I've found was a SC-45 (Not sure if it will work).
Thanks for any help,
Jeff, KC8DCO

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80. [htaprs] HT holder for the dashboard

From: Howard Hecht <st_rider@csi.com>
Date: Wed, 11 Aug 1999 16:04:15 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33782-1999.08.11-15.14.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone sat through the movie which is on the CDROM packed with the PG4-W cable. Movie not too great, but there are scenes of a TH-D7 in a dashmounted holder.

Anyone know what this is and where to get it?

I've been looking and unsuccessful.

TIA,

Howard

--
Howard Hecht   WA1LWD
Co-Task Force Leader
New England Ride for Kids

http://go.to/nerfk

Join our ride 22 Aug 1999

Help find the cause of and cure for
Pediatric Brain Tumors

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81. [htaprs] Re: [O/T] Ham Stores in Japan

From: Jon Ogden <jono@enteract.com>
Date: Wed, 11 Aug 99 15:14:22 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33784-1999.08.11-15.24.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeff Tong wrote:

> Can't remember how to get there, but it has its own station on one of the
>train lines. Perhaps the bellman at your hotel will know or call the embassy
>and ask them.Their communications types probibly know.

The area of town is called Akihabara (you were very close in spelling,
Jeff). It is truly the most amazing and mind blowing district of
electonic stores you will EVER see. You will be in total awe.

If I remember right Akihabara is a couple stops north of Tokyo station on
the Yamanote line (the Yamanote line runs in a big cirle around Tokyo.
It's a JR line and its color is Green).

If you are in Osaka, the name of the area is called DenDen town. It's
similar but not nearly as big.

You may be warned that the electronics sold in Japan are really no
bargain. They purposely keep prices high so that they export more and
the exchange rate isn't as favorable as it was 20 years ago. Also, if
you buy a product there, don't expect to get English literature with it
(the exception is if you buy it in a duty free shop. These are set up
for tourist exports). Also, some products are designed to work on
Japanese frequencies (for example, their FM radio band is around 70 MHZ
and VHF TV is in our FM radio band!). Also, they have different band
coverage for 2M and 440 than we do.

My advice would be to pick up all the cool accessories and stuff you
can't get here. They have a mind-boggling array of radio gadgets,
headsets, microphones, etc (eg: 10-12 years ago, you couldn't get Diamond
antennas here but there you could). If you find a good deal on a radio,
then great. But don't expect to see stuff at 50 to 75% of the cost in
the US.

Have fun, Japan is a great place and is a blast. If you like to drink
beer you'll enjoy it. Go visit some of the beer halls and enjoy yourself.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] Re: HT holder for the dashboard

From: n7qxo@juno.com
Date: Wed, 11 Aug 1999 13:13:19 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-33785-1999.08.11-15.31.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have not seen the movie, but I know that they are going to be selling a
mount made by RAM. When I spoke to RAM they said it would be sold
through Kenwood and not direct. I was able to look the mount over at
Dayton.

Ron Reeves
n7qxo@juno.com

On Wed, 11 Aug 1999 16:04:15 -0400 Howard Hecht <st_rider@csi.com>
writes:
> Has anyone sat through the movie which is on the CDROM packed with
> the
> PG4-W cable. Movie not too great, but there are scenes of a TH-D7
> in a
> dashmounted holder.
>
> Anyone know what this is and where to get it?
>
> I've been looking and unsuccessful.
>
> TIA,
>
> Howard
>
> --
> Howard Hecht   WA1LWD
> Co-Task Force Leader
> New England Ride for Kids
>
> http://go.to/nerfk
>
> Join our ride 22 Aug 1999
>
> Help find the cause of and cure for
> Pediatric Brain Tumors
>
>
>
> ---
> You are currently subscribed to htaprs as: n7qxo@juno.com
> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] TH-D7E pc control

From: G7GUO@aol.com
Date: Wed, 11 Aug 1999 17:45:36 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33790-1999.08.11-16.55.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can anyone supply me with the pc control command set for the TH-D7e please? I
know a few of them such as TC 0 or 1 to turn the TNC on/off and FQ to

read/set the frequency DW to step down and UP to step up in frequency.
Particularily I would like to know the command to change the data band. This
would avoid having to go through the menu selection on the rig itself. Many
thanks for any help on this.

73, Simon G7GUO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Re: TH-D7E pc control

From: Jon Anhold <jon@snoopy.net>
Date: Wed, 11 Aug 1999 17:50:03 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-33791-1999.08.11-16.59.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you go here:

http://www.radiohound.com/d7zpinfo.htm

There is software to control and program your D7A available for download.

-j

Previously, G7GUO@aol.com (G7GUO@aol.com) said:
> Can anyone supply me with the pc control command set for the TH-D7e please? I
> know a few of them such as TC 0 or 1 to turn the TNC on/off and FQ to
> read/set the frequency DW to step down and UP to step up in frequency.
> Particularily I would like to know the command to change the data band. This
> would avoid having to go through the menu selection on the rig itself. Many
> thanks for any help on this.
>
> 73, Simon G7GUO
>
> ---
> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
"Hope is a letter that never arrives, delivered by the postman of my fear."
                                          - 'Tired of Me', Live

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Plugs for the TH-D7a

From: "Morris Hays" <mhays@snet.net>
Date: Wed, 11 Aug 1999 17:5:48
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33794-1999.08.11-17.15.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a wire harness for the TH-D7a that I use while hang gliding. The
plugs that go into the HT seem very loose. Although I'm pretty sure that
they are the right ones I remember hearing in the distant past that some
mfr's plugs fit better than others. These don't seem to seat quite right
the way they roll around in the jacks. If anyone can give me a clue as to
whose plugs fit best and maybe even part #s, I would be deeply greatfull.
It's a real bummer at 8,000ft, your helmet speaker and Mike go dead when
you're trying to tell your chase crew where you are. :)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] Re: Plugs for the TH-D7a

From: Jon Anhold <jon@snoopy.net>
Date: Wed, 11 Aug 1999 18:09:32 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-33799-1999.08.11-17.45.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a cable from Mouser Electronics that works great. I just ordered
three more.

Previously, Morris Hays (mhays@snet.net) said:
>   I have a wire harness for the TH-D7a that I use while hang gliding. The
> plugs that go into the HT seem very loose. Although I'm pretty sure that
> they are the right ones I remember hearing in the distant past that some
> mfr's plugs fit better than others. These don't seem to seat quite right
> the way they roll around in the jacks. If anyone can give me a clue as to
> whose plugs fit best and maybe even part #s, I would be deeply greatfull.
> It's a real bummer at 8,000ft, your helmet speaker and Mike go dead when
> you're trying to tell your chase crew where you are. :)
>
> ---
> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
"Hope is a letter that never arrives, delivered by the postman of my fear."
                                          - 'Tired of Me', Live

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

87. [htaprs] Re: Plugs for the TH-D7a

From: kevin <kkelly@radix.net>
Date: Wed, 11 Aug 1999 18:47:37 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33801-1999.08.11-18.03.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Have a look at this url, http://www.qsl.net/n6qab/microaprs.htm Scroll down
for Mouser P/N and phone number

73
Kevin/N6QAB

Morris Hays wrote:

>   If anyone can give me a clue as to whose plugs fit best and maybe even
> part #s, I would be deeply greatfull.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

88. [htaprs] Re: D7A computer & gps

From: Jon Ogden <jono@enteract.com>
Date: Wed, 11 Aug 1999 21:40:24 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33827-1999.08.11-21.49.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Anhold wrote:

>ok, one more question.. it is possible to connect both a computer
>running winaprs (or whatever) _and_ connect a GPS, and have it run
>as a tracking station somehow, right?

Yes.

The TH-D7A has BOTH a GPS port AND a serial port. There are 4 jacks on
the right hand side of the radio (5 if you include the power jack).

They are audio out, audio in, GPS and serial.

The HT has two modes for digital comms: APRS and TNC. You push the
"TNC" button twice to get into the TNC mode and once for APRS. When in
TNC mode, the HT functions just like any other packet TNC except that the
radio is built in!

73,

Jon
KE9NA

Jon Ogden

KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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89. [htaprs] RE: [O/T] Ham Stores in Japan

From: jlagreek <jlagreek@inlink.com>
Date: Wed, 11 Aug 1999 21:36:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33829-1999.08.11-21.51.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It has not made much press but Standard is out of the Ham business in the
US. The offices are closed and no one is answering the phone. I tried to
trade my Standard dual band 440/1.2 in on one of the new Icom quad bands
6/2/44/1.2 and HRO in Anaheim would not take in on trade. So forget the
Standard and look at the Icom T-81

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

-----Original Message-----
From: Mark Keiser [SMTP:mkeiser@chi.navtech.com]
Sent: Wednesday, August 11, 1999 9:17 AM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] [O/T] Ham Stores in Japan

I'm going to Japan next week and, due to screwed up scheduling, may
actually
get to play 'tourist' on Saturday. Any particular ham stores worth seeing
(and where are they)? I thought I'd look around for that little Standard
tri-band radio (2/440/1.2) that's about the size of a Motorola Bravo pager.

Mark
N4OGL

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90. [htaprs] Re: Plugs for the TH-D7a

From: Jon Ogden <jono@enteract.com>
Date: Wed, 11 Aug 1999 21:44:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33830-1999.08.11-21.53.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Morris Hays wrote:

> I have a wire harness for the TH-D7a that I use while hang gliding. The
>plugs that go into the HT seem very loose. Although I'm pretty sure that
>they are the right ones I remember hearing in the distant past that some
>mfr's plugs fit better than others. These don't seem to seat quite right
>the way they roll around in the jacks. If anyone can give me a clue as to
>whose plugs fit best and maybe even part #s, I would be deeply greatfull.
>It's a real bummer at 8,000ft, your helmet speaker and Mike go dead when
>you're trying to tell your chase crew where you are. :)

Should be able to use any of the 1/16" (I believe that's the size) plugs
that are out there. I've not seen any problems. These are pretty
standard unless there's a Chinese knock-off or something being sold
somewhere!

73,

Jon

KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

91. [htaprs] D7-Garmin GPS III+ Question

From: Dave Kaplan <dkaplan@steffeninc.com>
Date: Wed, 11 Aug 1999 22:02:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33832-1999.08.11-22.12.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been operating air mobile a lot since I got my cast off (I was
grounded for 8 weeks with a broken ankle). Monday -Tuesday I went from
Sioux City to Cincinnati to Toledo to Cincinnati to Toledo to Sioux City
running a Garmin III+ and my D7. What a neat setup! The only problem I am
having is that, because I am at a relatively high altitude, the GPS III+
is constantly redrawing the screen to show all the stations being
received. It redraws so much that it is impossible to see the screen for
more than 2-3 seconds. If it does stop redrawing long enough to see the
screen it is so cluttered with waypoints you can't see anything else. Is
there a command that turns off the displaying of waypoints or do I need to
cut the wire so data stops flowing from the D7 to the GPS III+ ?

Friday Sioux City to Kansas City
Sunday Kansas City to Sioux City.
Monday Sioux City to Kansas City to San Antonio
Tuesday San Antonio to Paris to Kansas City to Sioux City.

If you see me you can send a message. Answering with the D7 takes a while
but I'm getting better with it.

Dave

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

92. [htaprs] Garmin III+

From: "Bear DuMont" <bear@slic.com>
Date: Wed, 11 Aug 1999 17:08:06 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33836-1999.08.11-22.56.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hello all,
    I am looking to buy a GPS III+ in the next few days and was wondering
what the cheapest anyone has seen them for? Also what should I buy with it
to make it work with my D7A? Thank you.

Jeremy "ß£ÅR" DuMont

-----BEGIN GEEK CODE BLOCK-----Version: 3.1
GAT d+ a? C++++ UL L+ W+++ w+++++ O M-- PS Y PGP t--- tv++ DI++++ G h*r---
z--
------END GEEK CODE BLOCK------

decode @ http://www.ebb.org/ungeek/

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

93. [htaprs] Re: D7-Garmin GPS III+ Question

From: "Walter Dunckel" <wdunckel@best.com>
Date: Wed, 11 Aug 1999 21:01:50 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33837-1999.08.11-23.06.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dave Kaplan wrote:

>Is there a command that turns off the displaying of waypoints or do I need
to
>cut the wire so data stops flowing from the D7 to the GPS III+ ?

Yes, there are two commands that will help you. Do not cut your GPS cable!

1. On the GPS select interface RTCM/NMEA. This will keep your GPS from
receiving any stations from the TH-D7.

2. On your TH-D7 select Position Limit 10mi 20mi etc. This will only send
the GPS stations that are within this limit.

I suggest the second of these options, because it is nice to be able to see
stations that are nearest you.

Walter
http://www.radiohound.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

94. [htaprs] Audio out jack problem

From: Howard Hecht <st_rider@csi.com>
Date: Thu, 12 Aug 1999 00:01:06 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33838-1999.08.11-23.11.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have another plug query. Any plug I put into the speaker (audio out)
jack causes a change in freq of Band B. As the plug is inserted, there
is at least a 5 khz change up in freq. If it's at 144.390, then
inserting the plug changes it to at least 144.395. Other times there's
more of a change, and sometimes Band B switches from VFO to Memory.

This happens with the Kenwood SMC-34 spkr/mic, with the cable supplied
with the radio, and with the Mouser cable we all seem to use.

Anyone else experience this?

Looks like it's back to Kenwood. Just don't know when to send it, as I
need the radio from 19-22 Aug for an event, and then want to take it to
England mid Sept.

Any experience with Kenwood turn-around in service?

Howard

--
Howard Hecht   WA1LWD
Co-Task Force Leader
New England Ride for Kids

http://go.to/nerfk

Join our ride 22 Aug 1999

Help find the cause of and cure for
Pediatric Brain Tumors

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

95. [htaprs] Re: Audio out jack problem

From: "Phil Greenland" <pgreen@axom.com>
Date: Thu, 12 Aug 1999 00:21:54 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33840-1999.08.11-23.29.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello
I hope that this comment is taken in the manner that is intended. The manual notes on pages 44 and 84 that when a connection is made that the HT should be switched off. I suppose that is to prevent shorting across contacts in the jack.
Phil
----- Original Message -----
From: Howard Hecht <st_rider@csi.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Thursday, August 12, 1999 12:01 AM
Subject: [htaprs] Audio out jack problem

> I have another plug query. Any plug I put into the speaker (audio out)
> jack causes a change in freq of Band B. As the plug is inserted, there
> is at least a 5 khz change up in freq. If it's at 144.390, then
> inserting the plug changes it to at least 144.395. Other times there's
> more of a change, and sometimes Band B switches from VFO to Memory.
>
> This happens with the Kenwood SMC-34 spkr/mic, with the cable supplied
> with the radio, and with the Mouser cable we all seem to use.
>
> Anyone else experience this?
>
> Looks like it's back to Kenwood. Just don't know when to send it, as I
> need the radio from 19-22 Aug for an event, and then want to take it to
> England mid Sept.
>
> Any experience with Kenwood turn-around in service?
>
> Howard
>
> --
> Howard Hecht   WA1LWD
> Co-Task Force Leader
> New England Ride for Kids
>
> http://go.to/nerfk
>
> Join our ride 22 Aug 1999
>
> Help find the cause of and cure for
> Pediatric Brain Tumors
>
>
>
> ---
> You are currently subscribed to htaprs as: pgreen@axom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

96. [htaprs] Re: Audio out jack problem

From: "Walter Dunckel" <wdunckel@best.com>
Date: Wed, 11 Aug 1999 21:26:56 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33841-1999.08.11-23.31.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is no problem with your radio, just turn it off before you insert the speaker mic. As a matter of fact this is just a result of another feature of the radio, called Remote Control. This can be found on page 96 of the manual. This allows special microphones to be used with the radio that allow changing the channels, etc of the radio. The manual also shows how one could build a controling circuit for this feature.

Howared Hecht wrote:

>I have another plug query. Any plug I put into the speaker (audio out)
>jack causes a change in freq of Band B. As the plug is inserted, there
>is at least a 5 khz change up in freq. If it's at 144.390, then
>inserting the plug changes it to at least 144.395. Other times there's
>more of a change, and sometimes Band B switches from VFO to Memory.
>
>This happens with the Kenwood SMC-34 spkr/mic, with the cable supplied
>with the radio, and with the Mouser cable we all seem to use.
>
>Anyone else experience this?
>
>Looks like it's back to Kenwood. Just don't know when to send it, as I
>need the radio from 19-22 Aug for an event, and then want to take it to
>England mid Sept.
>
>Any experience with Kenwood turn-around in service?
>
>Howard

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

97. [htaprs] Re: Audio out jack problem

From: Howard Hecht <st_rider@csi.com>
Date: Thu, 12 Aug 1999 00:30:17 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-33842-1999.08.11-23.40.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Phil,

Thanks for the info. I missed that.

It does solve the problem, but I must say that it's very inconvenient.
If one wants to plug in the speaker/mic while operating, shutting down
is really not a good option.

Chalk this one up to tight space and/or lack of a little insulation.

73,

Howard

--
Howard Hecht   WA1LWD
Co-Task Force Leader
New England Ride for Kids

http://go.to/nerfk

Join our ride 22 Aug 1999

Help find the cause of and cure for
Pediatric Brain Tumors

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

98. [htaprs] Re: Audio out jack problem

From: Howard Hecht <st_rider@csi.com>
Date: Thu, 12 Aug 1999 00:31:47 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-33843-1999.08.11-23.41.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Walt,

Thanks for the clarification and explanation.

Guess I need to read more and play less. <G>

Howard

--
Howard Hecht   WA1LWD
Co-Task Force Leader
New England Ride for Kids

http://go.to/nerfk

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Pediatric Brain Tumors

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

99. [htaprs] Re: PG-4W manual and bulletins on Kenwood site

From: Clifford <cuyeda@ix.netcom.com>
Date: Wed, 11 Aug 1999 21:49:12 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33861-1999.08.12-01.15.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Ron,

Kenwood is the first and only amateur radio manufacturer that supports
customers with technical service bulletins on the internet. Also, I would
like to point out that all of the current radio operator manuals are
available for FREE in the pdf format. You can read all about the
operations of the radio before you buy or if you need to replace it.

The beta software for the PG-4W had very minor bugs (that's why it was a
beta version) and many of Kenwood's customers downloaded the software at no
charge. Most of the other control programs have been on the ftp site at no
charge.

As for the items you would like to see on the ftp site for customer
support, why not submit files for possible consideration. I can route it
to the proper staff at Kenwood for evaluation. So why not give it a try
and email Kenwood helpful files to add to the ftp site.

Clifford Uyeda

At 11:00 PM 8/4/99 -0400, RASNM@aol.com wrote:
>In a message dated 8/4/99 7:30:07 PM US Mountain Standard Time,
>Jack_Yu@sanlien.com.tw writes:
>
><< ask Kenwood uploading the manual which come with the PG-4W >>
>
>Hi Jack, I think Kenwood should improve their amateur section, with product
>support bulletins, but I bet they wont list the 180 page in depth manual. I
>would like to see items like:
>
>1. Cable bulletin "be careful when you build it"
>2. APRS bulletin "dear customers here is a detailed description of Packet
>Path"
>3. I-gate " the list of APRS "I-gates" across the US
>4. APRSplus bulletin "How the installation really works"
>
>73-ron-kd5hty-New Mexico   ;-)
>
>---
>You are currently subscribed to htaprs as: CUYEDA@IX.NETCOM.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Clifford Uyeda
E-mail: cuyeda@ix.netcom.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] TH-D7E pc control

From: "Darryl Smith" <vk2tds@ozemail.com.au>
Date: Thu, 12 Aug 1999 21:40:08 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33873-1999.08.12-06.51.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi there....

Probably the best source for information is from my WWW site -
HTTP://www.ozemail.com.au/~vk2tds under the APRS link. I believe that the
direct link is http://www.ozemail.com.au/~vk2tds/d7.htm . This contains all
the known 1,2,3 and 4 letter codes for the radio, and as far as I know was
the first documentation of this protocol...

I was planning to write up how I managed to decode the protocol, and some
applications for the radio for the DCC, but I have been too busy...

Anyway if you have any questions about the protocol used by the radio,
please ask. If you need help modifying the firmware, DIY upgrades and adding
custom features do not ask me. I do not know, but have recieved mail from
all over the world asking for these details....

Darryl VK2TDS
Sydney, Australia

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] Looking for a CT-5 Connector

From: Rosenberg.Eric@Orbcomm.COM
Date: Thu, 12 Aug 1999 09:33:48 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33898-1999.08.12-08.46.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm looking for a source of Panasonic CT-5 connectors...the ones that they use
on their GPS antennas.

Any thoughts?

Eric W3DQ
rosenberg.eric@orbcomm.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] Re: Looking for a CT-5 Connector

From: Howard Hecht <st_rider@csi.com>
Date: Thu, 12 Aug 1999 09:50:43 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-33901-1999.08.12-09.00.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try www.pasternack.com

Connectors are what they sell.

HH

--
Howard Hecht   WA1LWD
Co-Task Force Leader
New England Ride for Kids

http://go.to/nerfk

Join our ride 22 Aug 1999

Help find the cause of and cure for
Pediatric Brain Tumors

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] Re: D7A computer & gps

From: "Joe B. Dorn" <joedorn@stonemedia.com>
Date: Thu, 12 Aug 1999 09:48:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33909-1999.08.12-09.58.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't have a D7A, however I use a Garmin II+ to drive a laptop running
Street Atlas (Not APRS+) and a MIC-E simultaneously.. Works great...I had to
make my own 'Y' cable...

Joe Dorn W5VEX

-----Original Message-----
From: bounce-htaprs-9157@lists.tapr.org
[mailto:bounce-htaprs-9157@lists.tapr.org] On Behalf Of Jon Ogden
Sent: Wednesday, August 11, 1999 9:40 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: D7A computer & gps

Jon Anhold wrote:

>ok, one more question.. it is possible to connect both a computer
>running winaprs (or whatever) _and_ connect a GPS, and have it run
>as a tracking station somehow, right?

Yes.

The TH-D7A has BOTH a GPS port AND a serial port. There are 4 jacks on
the right hand side of the radio (5 if you include the power jack).

They are audio out, audio in, GPS and serial.

The HT has two modes for digital comms: APRS and TNC. You push the
"TNC" button twice to get into the TNC mode and once for APRS. When in
TNC mode, the HT functions just like any other packet TNC except that the
radio is built in!

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: joedorn@stonemedia.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] (no subject)

From: G7GUO@aol.com
Date: Thu, 12 Aug 1999 14:54:21 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33940-1999.08.12-14.03.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has any one else found a problem when trying to run packet on the TH-D7e when
connected to an external power supply. It resets the TNC everytime a packet
is sent! This even with a 30 Amp fully regulated supply so it can not be due
to a voltage drop. I guess it must be due to RF getting into the supply

connection and thence into the TNC? It only happens with the TX power set to
high. I know of one other person who has found similar problems. Is there a
cure? Thanks for any help.
73, Simon g7guo.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] Re: TH-D7E pc control

From: G7GUO@aol.com
Date: Thu, 12 Aug 1999 14:54:20 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33941-1999.08.12-14.04.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 11/08/1999 22:51:49 GMT Daylight Time, jon@snoopy.net
writes:

<< If you go here:

 http://www.radiohound.com/d7zpinfo.htm

 There is software to control and program your D7A available for download.
  >>
Thanks Jon. If this is the same software available via the Kenwood web site
then I already have it. Quite a useful little program. However it is a
windows program and I want to write my own files for use on a simple portable
terminal which can not run windows. So I would like the basic command set to
work around.
73, Simon g7guo.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] Re: external power causes a reset

From: Robert Winingham <kc5ejk@onramp.net>
Date: Thu, 12 Aug 1999 14:37:39 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-33944-1999.08.12-14.47.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Has any one else found a problem when trying to run packet on the TH-D7e when
>connected to an external power supply. It resets the TNC everytime a packet
>is sent! This even with a 30 Amp fully regulated supply so it can not be due
>to a voltage drop. I guess it must be due to RF getting into the supply
>connection and thence into the TNC? It only happens with the TX power set to
>high. I know of one other person who has found similar problems. Is there a
>cure? Thanks for any help.

 check SWR and try an external antenna and see if you have same problem

Also try the filtered power plug from kenwood.

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

107. [htaprs] Re: (no subject)

From: amartin@interactive.net (Art Martin)
Date: Thu, 12 Aug 1999 17:06:22 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-33951-1999.08.12-16.15.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, Simon...

I experienced much the same problem when running the RS HTX-202 on the
12 VDC battery pack. RF unlocked the PLL and displayed an error message.
Only recourse was to turn it off and attach a lower voltage battery
pack. This may be similar to your situation. Good luck.

73 de Art
--

G7GUO@aol.com wrote:
>
> Has any one else found a problem when trying to run packet on the TH-D7e when
> connected to an external power supply. It resets the TNC everytime a packet
> is sent! This even with a 30 Amp fully regulated supply so it can not be due
> to a voltage drop. I guess it must be due to RF getting into the supply
> connection and thence into the TNC? It only happens with the TX power set to
> high. I know of one other person who has found similar problems. Is there a
> cure? Thanks for any help.
> 73, Simon g7guo.
>
> ---
> You are currently subscribed to htaprs as: AMARTIN@INTERACTIVE.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

Art Martin N2QAE
Long Valley, Morris County, NJ, USA
mailto:amartin@interactive.net
Find me at: http://map.aprs.net/n2qae
--

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] Mod for FRS

From: "Jeff Burns" <jeffhburns@yahoo.com>
Date: Thu, 12 Aug 1999 16:7:43
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33952-1999.08.12-16.17.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone had any experience modifying a TH-D7 to transmit on the Family
Radio Service frequencies? I have seen information about modifications that
apparently cover the right frequencies. Is there anything else I need to
know? Are there legal issues besides keeping the power below 500 mW?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] Re: Mod for FRS

From: "Jeff Tong" <brcomm@imt.net>
Date: Thu, 12 Aug 1999 16:36:43 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33954-1999.08.12-17.46.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not type accepted for use in the FRS freqs. Illegal

-----Original Message-----
From: Jeff Burns <jeffhburns@yahoo.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Thursday, August 12, 1999 3:06 PM
Subject: [htaprs] Mod for FRS

>Has anyone had any experience modifying a TH-D7 to transmit on the Family
>Radio Service frequencies? I have seen information about modifications that
>apparently cover the right frequencies. Is there anything else I need to
>know? Are there legal issues besides keeping the power below 500 mW?
>
>---
>You are currently subscribed to htaprs as: BRCOMM@IMT.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] APRS info

From: "stephen m. ventura" <sventura@thegrid.net>
Date: Thu, 12 Aug 1999 16:24:36 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33963-1999.08.12-18.38.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can someone provide me with frequency information for my area so I can use
the aprs function on my th-d7? Is there a web page that lists digipeter
frequencies?

Thanks,
steve
ke6gah

Stephen M. Ventura, Principal
Creston and Carrisa Plains Elementary Schools
Creston Elementary School
805.238.4771 FAX: 805.238.4185
Carrisa Plains School
805.475.2244 FAX: 805.475.2046
Mobile Phone: 805.550.9735
sventura@ahs.atas.k12.ca.us

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

111. [htaprs] Re: APRS info

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Thu, 12 Aug 1999 18:41:46 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-33964-1999.08.12-18.47.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Steve,

For the most part, 144.390 mhz has been designated and excepted over
most, if not all, of the country for APRS. Some areas may for one reason
or another, use other frequencies for local use only...

Have fun with the D7 as I really have enjoyed mine..

73, Robbie

stephen m. ventura wrote:
>
> Can someone provide me with frequency information for my area so I can use
> the aprs function on my th-d7? Is there a web page that lists digipeter
> frequencies?
>
> Thanks,
> steve
> ke6gah
>
> ---
> Stephen M. Ventura, Principal
> Creston and Carrisa Plains Elementary Schools
> Creston Elementary School
> 805.238.4771 FAX: 805.238.4185
> Carrisa Plains School
> 805.475.2244 FAX: 805.475.2046
> Mobile Phone: 805.550.9735
> sventura@ahs.atas.k12.ca.us
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] Re: Mod for FRS

From: Jon Anhold <jon@snoopy.net>
Date: Thu, 12 Aug 1999 23:59:27 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-34030-1999.08.12-23.08.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I believe the rules for FRS don't just have a power limit but also
state that the antenna may not be removeable, and probably the radio
cannot display the frequencies or be tunable from the keypad beyond
selecting channels.

Previously, Jeff Burns (jeffhburns@yahoo.com) said:
> Has anyone had any experience modifying a TH-D7 to transmit on the Family
> Radio Service frequencies? I have seen information about modifications that
> apparently cover the right frequencies. Is there anything else I need to
> know? Are there legal issues besides keeping the power below 500 mW?
>
> ---
> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Keaton once said, "I don't believe in God, but I'm afraid of him."
Well I believe in God, and the only thing that scares me is Keyser Soze.
                                                - Verbal Kint

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] Re: Mod for FRS

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Thu, 12 Aug 1999 23:36:10 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34060-1999.08.12-23.39.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:07 PM 8/12/99, Jeff Burns wrote:

>Has anyone had any experience modifying a TH-D7 to transmit on the Family
>Radio Service frequencies? I have seen information about modifications that
>apparently cover the right frequencies. Is there anything else I need to
>know? Are there legal issues besides keeping the power below 500 mW?
>

As was pointed out by Jon Anhold, the antenna may not be removable, nor can
power exceed 500 mW. There is also a specific ban on using the radios for
anything but voice. I think the major kicker is that from what I've read,
they use a narrower bandwidth than a standard amateur radio HT. Unless you
can reduce the bandwidth of your voice transmission, a radio modified for
FRS frequencies would splatter over more than one channel when listened to
on an FRS radio. With the cost of FRS radios dropping, and given their
small size, it would be as easy to buy and carry one as to modify an HT to
work on FRS.

My biggest complaint is that the F in FRS stands for FAMILY. I've seen a
City of Phoenix employee walk into a Radio Shack with a P.O. for several
dozen. I've seen them being used in department stores (by employees), by
lifeguards, and in public and private schools. I've even heard of
professional hunting guides using them in the field while conducting hunts
(a big game-n-fish no-no in many states). The only people I don't see
using FRS radios are individuals conducting communications among a family.
 I see no reason for amater radio operators to even bother with FRS. We
have our spectrum, and it's under-utilized, so why spend time trying to
figure out ways to use amateur radio and packet/APRS on FRS? If you have
family members or friends who aren't licensed hams, get them on the
bandwagon. I talked a few of my hiking buddies into getting their tickets
rather than try to go the FRS or CB walkie-talkie route.   And, with the
amount of Non-family use of FRS radios growing, it may become so
overcrowded that it'll become pointless to own one.

73,

Mark

KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] Re: Mod for FRS

From: "Demos Doulou" <sdoulou1@tampabay.rr.com>
Date: Fri, 13 Aug 1999 00:59:53 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34078-1999.08.13-00.10.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: Mark Fellhauer <sparkfel@primenet.com>
>>
>
>As was pointed out by Jon Anhold, the antenna may not be removable, nor can
>power exceed 500 mW. There is also a specific ban on using the radios for
>anything but voice. I think the major kicker is that from what I've read,
>they use a narrower bandwidth than a standard amateur radio HT. Unless you
>can reduce the bandwidth of your voice transmission, a radio modified for
>FRS frequencies would splatter over more than one channel when listened to
>on an FRS radio. With the cost of FRS radios dropping, and given their

Actually NO modified radio can be used on those frequencies even if you
modified it so it meet all the rules. It would still not be type acepted
from the FCC which would make it illegal.

>
>My biggest complaint is that the F in FRS stands for FAMILY. I've seen a
>City of Phoenix employee walk into a Radio Shack with a P.O. for several
>dozen. I've seen them being used in department stores (by employees), by
>lifeguards, and in public and private schools

I have seen many of them used by families here in my area, but you are
right, just about everyone out there is using these things. Thats why they
run low power and only rubber ducks. With 10 channels with 32 tone codes
each, you should be able to find a unused channel for the location you are
at, and even if there was distant traffic, find a unused tone pair to keep
the radios quiet.

73

Demos KR4US

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] No power output

From: n7qxo@juno.com
Date: Thu, 12 Aug 1999 22:34:50 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34082-1999.08.13-00.47.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone had their D7A quit putting out power on 2m? Mine has no
output on 2m but works just fine on 440. I even did a Full reset and
nothing.
I assume it is time to send it off to Kenwood.

Ron Reeves
n7qxo@juno.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

116. [htaprs] Re: Mod for FRS

From: Jon Ogden <jono@enteract.com>
Date: Fri, 13 Aug 1999 08:50:24 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34142-1999.08.13-08.59.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark Fellhauer wrote:

>I think the major kicker is that from what I've read,
>they use a narrower bandwidth than a standard amateur radio HT. Unless you
>can reduce the bandwidth of your voice transmission, a radio modified for
>FRS frequenci

I think FRS uses 12.5 KHz channels. Narrow band HAM FM uses 25 KHz
channels.

Agreed people are misusing FRS commercially. I think this is also
against the FRS regs.
SUX.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

117. [htaprs] Re: external power causes a reset

From: G7GUO@aol.com
Date: Fri, 13 Aug 1999 13:43:02 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34174-1999.08.13-12.52.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 12/08/1999 20:39:41 GMT Daylight Time, kc5ejk@onramp.net
writes:

<< check SWR and try an external antenna and see if you have same problem

 Also try the filtered power plug from kenwood.

 -----   kc5ejk@onramp.net   or kc5ejk@amsat.org   ----- >>

I forgot to mention that I did try it with an external antenna with good SWR
in an attempt to eliminate the possibility of RF feedback but it made no
difference. The filtered power plug sounds prommising. Is that one to go into
the D7 or for the wall socket? I.e. the DC side or AC?
 BTW, many thanks to everybody who has given me information for pc control of
the rig. You are a very helpful bunch. I did the right thing joining this
list!
73, Simon g7guo.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

118. [htaprs] Re: (no subject)

From: Ian Ashford <ian.ashford@dtn.ntl.com>
Date: Fri, 13 Aug 1999 20:52:24 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-34180-1999.08.13-14.54.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Simon,
I didnt feel comfortable with feeding my TH-7D with the full 13.8v

The TH-7D mobile adaptor was discected in an earlier posting....

I make no claims for originality of my design but I simply stuffed a
SL7812cp (Low dropout) regulator (31pence + VAT) with 220 uF
decouplings into a fag (cigarette) lighter plug.
The total cost was around £2.50 (CPC components in Preston) for the
complete unit.

I have had no trouble as yet from my HT "beaconing" at full power.

(Typically the voltage drop is around 0,8v on TX from a 12v supply
and the unit supplies exactly 12v to the HT with my vehicle 13,8v
supply.)

I hope this is of some use. Apologies for the English colloquialisms!

Ian G8PWE.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

119. [htaprs] Re: (no subject)

From: Jon Ogden <jono@enteract.com>
Date: Fri, 13 Aug 99 15:20:13 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34184-1999.08.13-15.29.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ian Ashford wrote:

>I didnt feel comfortable with feeding my TH-7D with the full 13.8v

I think it's fine. I believe the manual says for everything to be less
than 16 Volts.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

120. [htaprs] Re: TH-7D RESET

From: G7GUO@aol.com
Date: Fri, 13 Aug 1999 18:47:22 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34195-1999.08.13-17.57.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 13/08/1999 06:40:37 GMT Daylight Time,
sjustice@speedchoice.com writes:

<< If you are referring to a reset of the radio when on the supplied
 Kenwood charger, you are exactly correct. If you look on the charger
 body, you will note it can only supply 30 mA of current, which is not
 enough to power the radio in transmit, thus the voltage drops, the radio
 resets, see the voltage come back up to 10-12 volts, powers back up and
 looks ready to go at it again. It appears that Kenwood does not allow
 the battery to be in parallel with the charger as a power source for the
 radio. I think this is unfortunate and also a sign of poor product

design.

Best wishes,
Shane
KE7TR
>>
No, I know about that and was not suprised when it happened due to the
reasons you mentioned. What I am reffering to is just the TNC doing a reset.
The actual radio is unaffected. It is just as if you turn the TNC off then on
again. The radio works fine for phone operation only with just a cheapo
unregulated 1Amp supply. But the TNC will reset with TX at high power even
with a fully regulated 30Amp supply. It must be poor regulation caused by
resistance between the DC input socket and the TNC which the internal battery
bypasses I guess.
73, Simon g7guo.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

121. [htaprs] TH-D7e extended range

From: G7GUO@aol.com
Date: Fri, 13 Aug 1999 18:47:24 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34196-1999.08.13-17.58.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have heard that the RX frequency coverage range of the TH-D7E can be
increased. Does anyone know how please.
73, Simon g7guo.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

122. [htaprs] Re: (no subject)

From: "Coach SB" <coachsb@gte.net>
Date: Fri, 13 Aug 1999 16:37:40 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34205-1999.08.13-18.48.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Make sure that you are running ENOUGH power. If you are using the power
supply given with the radio, there is not enough amperage to maintain a
transmit signal. If you are using a real live 12-13.8 volt 5+ amp power
supply, then I don't know.??... I'm sure you will get more technical
information here, but this has been MY experience.

73 de kd6fff

----- Original Message -----
From: <G7GUO@aol.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Thursday, August 12, 1999 11:54 AM
Subject: [htaprs] (no subject)

> Has any one else found a problem when trying to run packet on the TH-D7e
when
> connected to an external power supply. It resets the TNC everytime a
packet
> is sent! This even with a 30 Amp fully regulated supply so it can not be
due
> to a voltage drop. I guess it must be due to RF getting into the supply
> connection and thence into the TNC? It only happens with the TX power set
to
> high. I know of one other person who has found similar problems. Is there
a
> cure? Thanks for any help.
> 73, Simon g7guo.
>
> ---
> You are currently subscribed to htaprs as: kd6fff@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

123. [htaprs] Re: No power output

From: "Coach SB" <coachsb@gte.net>
Date: Fri, 13 Aug 1999 16:54:00 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34207-1999.08.13-19.04.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Make sure to check your offset. However, with the FULL reset, that should
have gone back to normal. If your offset looks good, I don't know what else
would be the problem. Does the radio beep at you??

73 de kd6fff
----- Original Message -----
From: <n7qxo@juno.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Thursday, August 12, 1999 10:34 PM
Subject: [htaprs] No power output

> Has anyone had their D7A quit putting out power on 2m? Mine has no
> output on 2m but works just fine on 440. I even did a Full reset and
> nothing.
> I assume it is time to send it off to Kenwood.
>
> Ron Reeves
> n7qxo@juno.com
>
> ---
> You are currently subscribed to htaprs as: kd6fff@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

124. [htaprs] Re: TH-D7e extended range

From: "Walter Dunckel" <wdunckel@best.com>
Date: Fri, 13 Aug 1999 19:07:20 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34226-1999.08.13-21.11.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Extended ranges for the TH-D7E can be found at:
http://www.radiohound.com/mod.htm
After you read the mod section look at the diode config data to see which
ones will change just the RX settings.

Walter

>I have heard that the RX frequency coverage range of the TH-D7E can be
>increased. Does anyone know how please.
>73, Simon g7guo.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

125. [htaprs] Re: TH-7D RESET

From: John W Wilson <z004391b@bc.seflin.org>
Date: Sat, 14 Aug 1999 07:59:43 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-34299-1999.08.14-07.09.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does this mean that the TH-7D will not reliably work at high power in a
mobile situation?

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

126. [htaprs] Digi in car

From: Howard Hecht <st_rider@csi.com>
Date: Sat, 14 Aug 1999 17:03:33 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34378-1999.08.14-16.14.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,

I want to set up a digi in my car, so that I can repeat the D7 from
inside a building.

Any thoughts on an inexpensive, small tnc to use for this?

TIA es 73,

Howard

--
Howard Hecht   WA1LWD
Milford, CT

Co-Task Force Leader
New England Ride for Kids

http://go.to/nerfk

Join our ride 22 Aug 1999

Help find the cause of and cure for
Pediatric Brain Tumors

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

127. [htaprs] Re: TH-7D RESET

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sat, 14 Aug 1999 18:17:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-34387-1999.08.14-18.26.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Does this mean that the TH-7D will not reliably work at high power in a
>mobile situation?
>

Not True, I run HI power in many situations (no problem).
I have used Auto ,desktop and Hand held with a power
pack. but I always use the PG-3J filtered power plug.

Per the QST review the measured power output was 6 watts+

It it is ok with the Author we should post the power measured results for the
different bands and battery voltages.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] Re: Digi in car

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sat, 14 Aug 1999 18:21:24 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-34388-1999.08.14-18.30.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Hello all,
>
>I want to set up a digi in my car, so that I can repeat the D7 from
>inside a building.
>
>Any thoughts on an inexpensive, small tnc to use for this?
>

Get a KPC-3 or KPC-3+ the extra time you will save and the easy of
setup and its remote set up feature will save you in the long run.
Plus lots of web sites with detailed notes on how to do it.

This is one time to run with the pack.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

129. [htaprs] Re: TH-7D RESET

From: G7GUO@aol.com
Date: Sun, 15 Aug 1999 08:47:24 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34443-1999.08.15-07.56.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 14/08/1999 13:02:42 GMT Daylight Time,
z004391b@bc.seflin.org writes:

<< Does this mean that the TH-7D will not reliably work at high power in a
 mobile situation? >>

I don't know about that. I have not tried it with an external battery and I
don't have a car. It does seem likely that it will not though if it will not
work reliably with a 30 Amp 12v fully regulated supply though!

73, Simon G7GUO.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] Re: TH-7D RESET

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Sun, 15 Aug 1999 09:01:22 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34453-1999.08.15-09.10.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I don't know about that. I have not tried it with an external battery and
I
> don't have a car. It does seem likely that it will not though if it will
not
> work reliably with a 30 Amp 12v fully regulated supply though!

I would suggest that you scope that "regulated" supply, as it most likely is
causing the problem. I've used it extensively here on my bench supply
(0-30V 3A) set to 13.8V with no problems at all.

Regulators aren't all the same. Some large current designs regulate poorly
at low currents, or it may have a problem with transient response and
overshoot.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] TH-D7A Cables

From: "Norm Martin" <norm@hamsrus.com>
Date: Sun, 15 Aug 1999 11:38:12
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34469-1999.08.15-11.47.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just received my TH-D7A and need to acquire the proper cable to connect a
Garmin GPS 12XL to same. Could someone provide a good source and P/N for
this cable. More interested in quality then price.
Thanks in advance.

Norm K7OLD
http://www.hamsrus.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

132. [htaprs] Re: TH-D7A Cables

From: "Phil Greenland" <pgreen@axom.com>
Date: Sun, 15 Aug 1999 12:54:06 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34471-1999.08.15-12.02.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Norm:
I ordered mine from Mouser Electronics. At 1800 346 6873 or online at
http://www.mouser.com .
part number 172-2010

Phil
  E-mail: pgreen@axom.com
  Amateur Call: KB8QHM
  Web Page: http://www.axom.com/greenland/index.htm
  ICQ Number: 1499191

> I just received my TH-D7A and need to acquire the proper cable to connect
a
> Garmin GPS 12XL to same. Could someone provide a good source and P/N for
> this cable. More interested in quality then price.
> Thanks in advance.
>
> Norm K7OLD
> http://www.hamsrus.com
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] RE: Tracker Problems

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 15 Aug 1999 11:44:29 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "nwaprssig@nwaprs. org" <nwaprssig@nwaprs.org>,
        "Aprssig" <owner-aprs@qth.net>, "Gpssig" <GPS@tvnav.com>,
        "TH-D7Asig" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34482-1999.08.15-13.53.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all that responded to my problems. Here is the bottom line to my
problems:

1.   A full reset of my TH-D7A brought it back to life.

        I did have my programming on my laptop, so it was not a major problem,
however, I will have to start carrying an idiot card with me in the
mountains with the local repeater frequencies where I am at and the other

info I will need to reprogram the radio manually in the field should this problem re-occur. Not a desirable situation, but one I can live with.

I did have two responses that had seen my problem before, so be forewarned, it could happen to you. KENWOOD ARE YOU LISTENING a software problem may exist?

2. Apparently the Garmin III+ and same design housings have a design problem. Here is what Garmin said about my problem:

"Herb,
We may have a solution for your battery door problem here at GARMIN. Please e-mail me with your regular shipping address, and I'll send you a figure-eight spring that should help your contact with the batteries and the battery compartment door. You use it by putting in the first two batteries, then dropping this on top of them, then putting in the remaining two batteries.

Best regards,

Jeff Butterfield
Product Information
customer.support@garmin.com"

I have received this special spring and yes it does work, however, again not a desirable fix. If I have to change batteries in the field, I could easily drop this spring and not be able to find it, then, my GPS would loose its neat functions. I could still make it operate by pushing on the battery door, but this is not a desirable way of running one of the top of the line GPS's. I would suspect that I will use this spring till I loose it or till my warranty is close to expiring, then send it back and see if they have a better fix by then. GARMIN ARE YOU LISTENING a redesigned battery compartment is in order!

Bottom line is: These high tech toys are really neat, but DO NOT RELY ON THEM TO SAVE YOUR LIFE. Make sure you have the knowledge and old style equipment (compass and some brains) to be able to get back to where you need to go. I am still from the old school and love high tech toys, but I still have the equipment and knowledge where I do not need the high tech toys to navigate in the wilderness. I hope the younger generation will not learn to totally rely on navigation with high tech toys, or you might get to meet me during your rescue!

Once again, thanks to all that responded. To the NWAPRSers, I'll see you in North Bend next month.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Herb Gerhardt,
> KB7UVC
> Sent: Monday, August 09, 1999 2:57 PM
> To: TAPR HT APRS Special Interest Group
> Cc: TH-D7Asig; Gpssig; Aprssig
> Subject: [htaprs] Tracker Problems
>
>
> I just returned from my first real backpacking trip of the season this
> weekend in the Olympic Mts. in Western Washington. The amount of snow
> remaining is unbelievable. The two mountain lakes that I checked
> are still
> totally frozen. There were remains of lots of avalanches that made my
> normal routes impassable. It does not appear that any of my
> mountain lakes
> will thaw out this year. They are all between 3900 to 6000 ft.
>
> I took my new Garmin III+ and TH-D7A along on my trip and was on
> APRS for a
> short while. Maybe some of you saw me (KB7UVC-7) on the screen this last
> Saturday and Sunday. I did receive and pass messages with W7JEZ and N7JGX
> but was not sure if I really was on the screen. If you saw me on your
> screen, I would appreciate an email telling me that you saw me
> and where you

> are located.
>
> On Sunday afternoon my Tracker DIED! First my TH-D7A quit
> transmitting when
> I pressed the BCON button. I could no longer transmit on any of my
> programmed channels on either band! When I check my MSG screens,
> they were
> filled with lots of graphic type hieroglyphics. Today I played
> with it and
> found that my Offset on all of my channels is some way-out figure of
> "44.vertical line with two horizontal lines/MHz". So whenever I try to
> transmit, it just beeps at me. Lots of the keys do not respond, including
> the BCON key. No, I have not done a CPU reset yet, still trying to gather
> more info before I try that.
>
> Next, I then tried to plot my track out of the mountains on my III+, but
> every time I looked at it, it was shut off. I played with it today and it
> appears that the battery door is causing my problem. Thanks, George/N7GME
> for steering me in that direction. If it does not turn on, and I hold the
> door tight while turning it on, it will turn on but most of the
> time when I
> release pressure on the door, it turns off. I also noticed that the
> Alkaline battery timer no longer resets when I change the batteries. On
> external power it still seems to work fine. I have already sent Garmin an
> email requesting return authorization.
>
> Has anyone experienced either of these problems before? If so,
> what did you
> do to resolve them? If not, keep a look out for them. I have no idea why
> both units would fail on this trip.
>
> Herb, KB7UVC
> NW APRS Group, West Sound Coordinator
> www.nwaprs.org <http://www.nwaprs.org>
>
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] Re: TH-D7A Cables

From: GPersons <railfan@flash.net>
Date: Sun, 15 Aug 1999 15:09:08 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34489-1999.08.15-15.17.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As Always try

<<<http://www.pfranc.com>>>

for the connectors. This is a neat way to get the connectors. These are
very high quality connectors and the system works as advertised!

The Mouser cable recommended will work great. I had some problems soldering
up the wire to the connector but it is a doable thing and I have not had
any problems with the homebrew cable.

Hope you have luck!

Gary

At 11:38 AM 1999-08-15, you wrote:
>I just received my TH-D7A and need to acquire the proper cable to connect a
>Garmin GPS 12XL to same. Could someone provide a good source and P/N for
>this cable. More interested in quality then price.
>Thanks in advance.
>
>Norm K7OLD
>http://www.hamsrus.com
>
>
>---

>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] Re: TH-7D RESET

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sun, 15 Aug 1999 15:14:34 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34493-1999.08.15-15.24.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try a 13.6 Volt gell cell and see if that solves the reset problem.

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] APRS beacon

From: G7GUO@aol.com
Date: Sun, 15 Aug 1999 18:05:58 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34511-1999.08.15-17.15.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been monitoring the beacon output of my TH-D7E but can not make much
sense of it. It sends to UQSWYQ (whatever that is) regardless of what I put
in unprotocol setting and I don't see my position entry being transmitted.
Just some jibberish followed by the status text. Can someone explain all this
to me please? Thanks.
73, Simon G7GUO.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] Re: TH-D7a antenna.

From: "Grant Killey" <w0gsk@arrl.net>
Date: Sun, 15 Aug 1999 20:31:42
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34538-1999.08.15-20.41.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 08/09/99, ""Dave VanHorn" <dvanhorn@cedar.net>" wrote:
> > From what everyone has said it looks like the stock antenna is at the
> > root of my problems. Hopefully I'll be able to use the radio beyond a
> > two block range when I get my new antenna tomorrow. I'll be damned
> > if I can get Kenwood to admit the antenna problems though. They seem
> > to think it's just dandy.
>
>
> The comet SMA24 tripled my range. YMMV.

I have both the Comet SMA24 and the Pryme version of the 17" whip. I've
used both on my Icom T8A and my Kenwood TH-D7A. Both are a big improvment
of stock for both rigs. Although I do lose 6M when using them on the Icom.
I haven't been using the Pryme long enough to do a direct long term
evaluation but it seems on par with the Comet.

73
Grant - W0GSK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] RE: TH-D7A Cables

From: jlagreek <jlagreek@inlink.com>
Date: Sun, 15 Aug 1999 23:13:38 -0500

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34570-1999.08.15-23.25.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check www.anet-stl.com/~mcmusick has the cable and source for parts

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

I just received my TH-D7A and need to acquire the proper cable to connect a
Garmin GPS 12XL to same. Could someone provide a good source and P/N for
this cable. More interested in quality then price.
Thanks in advance.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Re: D7A computer & gps

From: "Young, Mark J" <Mark.Young@PSS.Boeing.com>
Date: Mon, 16 Aug 1999 06:57:59 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34618-1999.08.16-09.10.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, GPS to D7, D7 to computer, cumputer running Win APRS works great! I put the D7 in TNC mode.

> ----------
> From: rbost@itexas.net[SMTP:rbost@itexas.net]
> Sent: Tuesday, August 10, 1999 06:37 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: D7A computer & gps
>
> No problem as long as your computer has two com ports! I'm not sure, but it
> may be possible to input GPS into the D7 and output to a computer using the
> computer port on the D7.
>
> Roy Bost N5TAM
> rbost@itexas.net
>
>
> ---
> You are currently subscribed to htaprs as: Mark.j.young@boeing.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] Re: APRS beacon

From: "Lou Ruh" <LOU_RUH@LOTUS.SSW.COM>
Date: Mon, 16 Aug 1999 10:30:6
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34622-1999.08.16-10.39.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 08/15/99, "G7GUO@aol.com" wrote:
> I have been monitoring the beacon output of my TH-D7E but can not make much
> sense of it. It sends to UQSWYQ (whatever that is) regardless of what I put
> in unprotocol setting and I don't see my position entry being transmitted.
> Just some jibberish followed by the status text. Can someone explain all this
> to me please? Thanks.
> 73, Simon G7GUO.

I believe the TH-D7 uses the Mic-E format. The best description of this
format
that I have seen is at ftp://ftp.tapr.org/mic-e/docs/mic-e.manual.pdf (you
will need Adobe Acrobat Reader to be able to view it).

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] Re: TH-D7E pc control

From: Arte Booten <n2zrc@webspan.net>
Date: Sun, 15 Aug 1999 20:06:24 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34693-1999.08.16-17.18.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Simon told us about:

>http://www.radiohound.com/d7zpinfo.htm

     Further down that page is a link to another program's page. On it
is a link to download that program. Is anyone else getting 404'd on it?
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

142. [htaprs] Re: TH-7D RESET

From: G7GUO@aol.com
Date: Mon, 16 Aug 1999 18:33:33 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34696-1999.08.16-17.44.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 15/08/1999 15:01:47 GMT Daylight Time, dvanhorn@cedar.net
writes:

<< I would suggest that you scope that "regulated" supply, as it most likely
is
 causing the problem. I've used it extensively here on my bench supply
 (0-30V 3A) set to 13.8V with no problems at all.

 Regulators aren't all the same. Some large current designs regulate poorly
 at low currents, or it may have a problem with transient response and
 overshoot.
  >>
Works OK with other TNC's though with seperate TX running off same supply!?
73, Simon G7GUO.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] DGPS connections to TH-D7A

From: JIM KORENZ <jfkorenz@goodyear.com>
Date: Tue, 17 Aug 1999 08:27:18 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34778-1999.08.17-07.36.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Guys,
 Has anyone ran RTCM packets thru the Kenwood into a Garmin GPS III ?
I was successful in using the PC port with a Magellean Meridan XL at 9600 baud.
The Magellean seems to ignor the packet headers. The Garmin doesn't
like them, besides the Garmin is fixed at 4800 baud, and the Kenwood PC
port seems to be stuck at 9600 baud. Plugging the Garmin into the GPS port
seems reasonable, since it's at 4800, but how do you route the DGPS
packets to it, and how do you strip off the headers? There doesn't seem
to be a transparent mode for UI packets. Any suggestions are welcome.
 Thanks,
 Jim Korenz N8PXW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] RE: DGPS connections to TH-D7A

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Tue, 17 Aug 1999 14:40:47 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34779-1999.08.17-07.52.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Oorspronkelijk bericht-----
> Van: JIM KORENZ [SMTP:jfkorenz@goodyear.com]
> Verzonden: dinsdag 17 augustus 1999 14:27
> Aan: TAPR HT APRS Special Interest Group
> Onderwerp: [htaprs] DGPS connections to TH-D7A
>
> Hi Guys,
> Has anyone ran RTCM packets thru the Kenwood into a Garmin GPS III ?
> I was successful in using the PC port with a Magellean Meridan XL at 9600
> baud.
> The Magellean seems to ignor the packet headers. The Garmin doesn't
> like them, besides the Garmin is fixed at 4800 baud, and the Kenwood PC
> port seems to be stuck at 9600 baud. Plugging the Garmin into the GPS port
> seems reasonable, since it's at 4800, but how do you route the DGPS
> packets to it, and how do you strip off the headers? There doesn't seem
> to be a transparent mode for UI packets. Any suggestions are welcome.
> Thanks,
> Jim Korenz N8PXW
>

        [Schayk A.H. van]
        There might be another way.
        you can connect a pic procesor the pc port and let it filterout rtcm
packets stripoff the packet header and send it to the garmin at the correct
speed but this would mean you can't use the thd7 for aprs.

        you can do it with a pic-e connected to speakerout so that the tnc
of the thd7 can stil be used for aprs but than you can't use voice.

        either way you'll have to write the software for the pic to do the
filtering

        73 de Andre PE1RDW
        http://www.pe1rdw.demon.nl/aprs.html
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] Garmin "EOW" Event AUG.22

From: "Kevin Numbers, KC8MTV" <kc8mtv@arrl.net>
Date: Tue, 17 Aug 1999 21:41:37 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34877-1999.08.17-20.46.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anybody ordered this cable for the Garmin GPS upgrades for the "EOW"
August 22, 1999 event?
How much is it? Can it be made?
Here's the link to the FAQ page regarding this situation.
http://www.garmin.com/faqs/1.html

73's
Kevin Numbers, KC8MTV
E-Mail: kc8mtv@arrl.net
Web Page: http://www.greenapple.com/~knumbers
My APRS Location: http://maps.aprs.net/kc8mtv-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] Re: DGPS connections to TH-D7A

From: Valentino Sarro <sarrov@home.com>
Date: Tue, 17 Aug 1999 22:05:12 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-34892-1999.08.17-23.14.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I did an experiment a while ago and sent RCTM packets over the air on a separate
TNC/radio and picked them up on my kenwood D7 and fed it into my Garmin 12XL.....

I used the same D7 to GPS cable only I plugged it into the PC port on the D7 and
made sure that the Garmin was in the applicable interface mode.... if you need more
info..... give me a buzz.....

Tino, VE6SZR
Calgary, Alberta

JIM KORENZ wrote:

> Hi Guys,
> Has anyone ran RTCM packets thru the Kenwood into a Garmin GPS III ?
> I was successful in using the PC port with a Magellean Meridan XL at 9600 baud.
> The Magellean seems to ignor the packet headers. The Garmin doesn't
> like them, besides the Garmin is fixed at 4800 baud, and the Kenwood PC
> port seems to be stuck at 9600 baud. Plugging the Garmin into the GPS port
> seems reasonable, since it's at 4800, but how do you route the DGPS
> packets to it, and how do you strip off the headers? There doesn't seem
> to be a transparent mode for UI packets. Any suggestions are welcome.
> Thanks,
> Jim Korenz N8PXW
>
> ---
> You are currently subscribed to htaprs as: sarrov@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] RE: Garmin "EOW" Event AUG.22

From: jlagreek <jlagreek@inlink.com>
Date: Tue, 17 Aug 1999 22:18:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34895-1999.08.17-23.37.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kevin,

Is your Garmin on the list of "Is user intervention recommended for my unit
for EOW?" as NO? If so don't worry about it. You can make a Garmin cable
fairly easy see www.pfranc.com for a source of Garmin connectors, add an
old mouse cable, connect up pins 2,3, & 5. And you done. Directions on how
to make the cable are on the pfranc site.

>From what I read, even if your GPS is a YES, it will just have to auto
locate a few times over the next month or so.
>
>

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

Has anybody ordered this cable for the Garmin GPS upgrades for the "EOW"
August 22, 1999 event?
How much is it? Can it be made?
Here's the link to the FAQ page regarding this situation.
http://www.garmin.com/faqs/1.html

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] Re: aprs beacon

From: KF4KRF@aol.com
Date: Wed, 18 Aug 1999 03:20:18 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34909-1999.08.18-02.30.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

sorry i'm new to the list, i suppose this has been covered.
 when monitoring my beacon packets, i don't see a position in long and lat.
instead a series of letters. its a strange looking aprs packet, is this
normal? i assume this is the mic-e format?

second, my position does not show on my machine running aprsdos (7.90?)

comments.

david lowery

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] Re: Mod for FRS

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 18 Aug 1999 10:44:22 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-34940-1999.08.18-09.55.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just retruend from a 2 week camping tour of the major national parks in
COlorado, AZ and UTAH. My family always uses the FRS radios and mine is
always scanning the entire 14 channels. Even in Grand canyon with 22,000
visitors a day, I rarely heard anything. My family uses channel 1 no
tones (the default for all single channel radios) and only once or twoice
in 2 weeks did we hear another family...

In Grand canyon, my scanner picked up other families on 3 or four other
channels, but in my opinion, there is room for 10 to 100 times more
activity before it gets to be "congested"...

de Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] Re: Mod for FRS

From: "J. Scott Ratchford" <kc5jgv@bobcats2.oursc.k12.ar.us>
Date: Wed, 18 Aug 1999 10:29:40 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-34943-1999.08.18-10.56.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Did you hear anyone say   H

```
                                        H
                                         H
                                          E
                                           E
                                            E
                                             L
                                              L
                                               L
                                                P
                                                 P
                                                  P
                                                     ?
```

Good Day,
J. Scott Ratchford
General Manager Marshall Vega Corp.
Ham Radio - KC5JGV
Calf Creek Lodge #426

On Wednesday, August 18, 1999 9:44 AM, Bob Bruninga [SMTP:bruninga@nadn.navy.mil] wrote:
> I just retruend from a 2 week camping tour of the major national parks in
> COlorado, AZ and UTAH. My family always uses the FRS radios and mine is
> always scanning the entire 14 channels. Even in Grand canyon with 22,000
> visitors a day, I rarely heard anything. My family uses channel 1 no
> tones (the default for all single channel radios) and only once or twoice
> in 2 weeks did we hear another family...
>

> In Grand canyon, my scanner picked up other families on 3 or four other
> channels, but in my opinion, there is room for 10 to 100 times more
> activity before it gets to be "congested"...
>
> de Bob
>
>
>
> ---
> You are currently subscribed to htaprs as: kc5jgv@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] Re: Garmin "EOW" Event AUG.22

From: Gerry Paquette <ve2aw@total.net>
Date: Wed, 18 Aug 1999 12:21:46 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34947-1999.08.18-11.35.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have not ordered this particular cable but made my own; you can find you
wiring diagram in the operating manual for your particular GPS unit and if
you do not have it, you can download the manual directly from Garmin who
have posted them in pdf format.

"Kevin Numbers, KC8MTV" wrote:

> Has anybody ordered this cable for the Garmin GPS upgrades for the "EOW"
> August 22, 1999 event?
> How much is it? Can it be made?
> Here's the link to the FAQ page regarding this situation.
> http://www.garmin.com/faqs/1.html
>

--
Gérard (Gerry) Paquette
Canadian WinAPRS Support Site: http://www.qsl.net/ve2aw/
WinAPRS maps of some regions in Canada: ftp://ftp.qsl.net/pub/ve2aw/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] GPS KITS

From: "Peter Black" <zr5dwc@iafrica.com>
Date: Wed, 18 Aug 1999 19:21:43 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34958-1999.08.18-12.31.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is a good site for GPS kits

73
Peter
ZR5DWC

http://mavin.com/slickitems.html
[Attachment: Computer Products Page, Motherboards, Hard Drives, Keyboards, Cases, Speakers etc.....url; application/octet-stream;

153. [htaprs] THD7A and Lowrance 100

From: JAPalese@aol.com
Date: Wed, 18 Aug 1999 14:29:28 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34961-1999.08.18-13.39.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

Has anyone connected a Lowrance Airmap 100 GPS and the Kenwood HT?

Where does one get parts to make cable connectors?

73
WB9JPH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] Re: aprs beacon

From: "Lou Ruh" <LOU_RUH@LOTUS.SSW.COM>
Date: Wed, 18 Aug 1999 14:26:24
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34963-1999.08.18-14.36.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Your first question has indeed been asked before (as recently as August 15
in fact). If I understand the question correctly, then what you are looking
at is the MIC-E encoding scheme. If you want to decode it, the best
description of the MIC-E format that I have seen is at
ftp://ftp.tapr.org/mic-e/docs/mic-e.manual.pdf (you will need Adobe Acrobat
Reader to be able to view it).

I don't know the answer to your second question.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] RE: THD7A and Lowrance 100

From: "Doug Wetzel" <dwetzel@earthlink.net>
Date: Wed, 18 Aug 1999 14:01:15 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34970-1999.08.18-16.10.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've used an Airmap 300 successfully. I used Lowrance's special
GPS-computer cable (they use a proprietary connector on the GPS side), and a
male DB-9 to TH-D7 to get to the handheld GPS port.

> -----Original Message-----
> From: bounce-htaprs-3732@lists.tapr.org
> [mailto:bounce-htaprs-3732@lists.tapr.org]On Behalf Of JAPalese@aol.com
> Sent: Wednesday, August 18, 1999 11:29 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] THD7A and Lowrance 100
>
>
> Hi
>
> Has anyone connected a Lowrance Airmap 100 GPS and the Kenwood HT?
>
> Where does one get parts to make cable connectors?
>
> 73
> WB9JPH
>
> ---
> You are currently subscribed to htaprs as: DWETZEL@EARTHLINK.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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156. [htaprs] National Parks and Interstates

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 18 Aug 1999 17:59:16 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: APRS+ <aprsplus@k8sn.org>, aprsnews@tapr.org, htaprs@tapr.org
Message-ID: <LYR845-34981-1999.08.18-17.10.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just returned from 2 week Camping trip through CO, AZ and UT and have
some comments and 1000 Emails to go through...

1) Nothing heard on APRS west of Denver, Northern AZ, nor Southern Utah.

Not complaining, its a big country, but I have a few ideas....

  a) Grand Canyon averages 22,000 people a day. Statistics suggest that
     100 or so are hams. There is a voice repeater there (if you look it
     up) but in 2 days, I only rounded up ONE QSO with a local who was
     50 miles away...

  b) Those 22,000 also go the days before or after to ZION, BRYCE, Mesa
     Verde and other large national campgrounds.. Big concentrations of
     HAM travelers in a few small spots...

  c) We could get a lot of bang for the buck by having just one local
     DIGI in such areas of LARGE concentrations of APRS travelers...

2) In Flagstaff, there was a 10 second DGPS signal using the call of
PK232>DGPS:....rtcm...data.... But NO digi, no network and no links

3) On top of Mesa Verde (SW CO) I got into the vast New Mexico APRS
system, and it was a joy. This would be an EXCELLENT location for
an APRS digi to cover all of the 4 corners area... (Travelers..)

4) I-70 West through Western Colorado is a MAJOR artery. It has the
"colorado-conection" for voice, but should also have 3 similar APRS
digis to cover that baren 300 miles... including Vail and Aspen...

5) UTAH has a voice network from Las-Vegas to Salt-lake and on into Idaho!
Again, it would be simple to add 5 or 6 APRSdigis to cover the same
500 mile distance...

APRS is EASY, Transparent, passive and yet fully useful to travelers. I
NEVER got into the UTAH or Colorado VOICE networks because I couldnt find
the PL tones nor the right frequencies. APRS on the other hand is always
144.39, self identifying, and all users are *always on the air*. You dont
have to keep calling CQ...

Yes, if I spent 10 minutes of every hour looking thorugh the ARRL Repeater
directory for voice repeaters and called on every one, I would have had
communications... but with the family, I dont want to, nor have the
time... APRS on the other hand is either there.... or not.... and if it
is there, so also is everyone else...

P.S. I tried monitoring and calling on 146.52, but never heard a peep.
This works ONLY for Dayton where 17,000 Hams are all on the road on the
SAME day...

Note... These TRAVELRS APRS DIGIS cannot be supported by the lone
locals... They may need help from the surrounding community... and may
require a lot of politicing... But maybe everyone should think about how
to fill in these areas. The CELLULAR community does EXACTLY that. They
put Cells where concentrations of people are.

So....

1) The National Parks, Interstates and Airports are excellent targets.
2) Dont just think "local"... Think of travelers too

P.S. Denver AIrport was solid INDOORS with 1 watt and the HT...
(and all East of the rockies... :-))

The right demo of APRS to the right PARK officail with GPS for search and
rescue might even get you funding! Imagine how much easier it is to put
up an APRSdigi on a Park Visitors center than a VOICE repeater (that no
one can find or no one is listening to...) Total cost of $299?

Alinco 5W HT $ 99
KPC-3 TNC $139
Antenna/PS $ 60?

de WB4APR, Bob

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157. [htaprs] TH-D7 and Magellan GPS

From: WCovey@aol.com
Date: Wed, 18 Aug 1999 21:43:49 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35004-1999.08.18-20.53.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This may have already been answered, but couldn't locate any information.
Is the Magellan 315 or Magellan Blazer 12 compatible with the Kenwood HT?
Anyone using these? I'm asking this for another amateur who isn't on the
Internet or any of the lists. Thanks to all in advance.   Bill, W1GTT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

158. [htaprs] PTT

From: Russ and Joyce Brown <brownrj@home.com>
Date: Wed, 18 Aug 1999 20:07:17 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35015-1999.08.18-22.16.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I bought the Kenwood $30 over-the-ear PTT accessory for the TH-D7A and
the wires to the tiny speaker pulled out. I could fix it, but I have a
different question:

How easy is it to build a PTT setup that uses the external mic but also
uses the TH-D7A's regular speaker? In addition to the external mic I'd
also like an external PTT button. The Kenwood PTT function seems to be
keyed to the speaker plug. Is there a way to easily do this, possibly
using parts from the broken Kenwood PTT?

Thanks,
Russ Brown, KB6LUD

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159. [htaprs] Re: [aprsnews] National Parks and Interstates

From: "George Kammerzell n0zed" <n0zed@rmaprs.org>
Date: Wed, 18 Aug 1999 21:23:20 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <aprsnews@tapr.org>, <htaprs@tapr.org>
Message-ID: <LYR845-35019-1999.08.18-22.28.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

n0wbw and my self ARE working on just that Bob , we hope to have the I70
path through the western side covered before the big doing in salt lake . I
have 10 uniden 45 w data radios getting tuned up on 4.39 , have very good
sites . but lack the TNCs. I hope to get southeastern colo up on a wide yet
this year for chy mountian in colorado springs and next spring start over
the hill. If we can get onto milners peak this would be a major link for the
connection and APRS cause it would cover both sides of loveland pass. take a
look a at the digi news page at www.rmaprs.org , this will give a idea of
what we are tring to get done, the time line just got hosed some. you saw
what I got done with -5's coverage , and that is with a kpc 3+ a 15w alinco
a real work of art FAA antenna (it is the only thing we coul;d find that
would handle thor's wind).
the long term dream is also to get WX on all the sites also . SO if anyone
got a few TNCs not in use........I am not above begging..grin
73s   n0zed George

----- Original Message -----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: APRS Announcements <aprsnews@lists.tapr.org>
Cc: APRS+ <aprsplus@k8sn.org>; <aprsnews@tapr.org>; <htaprs@tapr.org>
Sent: Wednesday, August 18, 1999 3:59 PM
Subject: [aprsnews] National Parks and Interstates

> Just returned from 2 week Camping trip through CO, AZ and UT and have
> some comments and 1000 Emails to go through...
>
> 1) Nothing heard on APRS west of Denver, Northern AZ, nor Southern Utah.
> Not complaining, its a big country, but I have a few ideas....
>
>   a) Grand Canyon averages 22,000 people a day. Statistics suggest that
>   100 or so are hams. There is a voice repeater there (if you look it

>   up) but in 2 days, I only rounded up ONE QSO with a local who was
>   50 miles away...
>
>   b) Those 22,000 also go the days before or after to ZION, BRYCE, Mesa
>   Verde and other large national campgrounds.. Big concentrations of
>   HAM travelers in a few small spots...
>
>   c) We could get a lot of bang for the buck by having just one local
>   DIGI in such areas of LARGE concentrations of APRS travelers...
>
> 2) In Flagstaff, there was a 10 second DGPS signal using the call of
> PK232>DGPS:....rtcm...data.... But NO digi, no network and no links
>
> 3) On top of Mesa Verde (SW CO) I got into the vast New Mexico APRS
> system, and it was a joy. This would be an EXCELLENT location for
> an APRS digi to cover all of the 4 corners area... (Travelers..)
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> 4) I-70 West through Western Colorado is a MAJOR artery. It has the
> "colorado-conection" for voice, but should also have 3 similar APRS
> digis to cover that baren 300 miles... including Vail and Aspen...
>
> 5) UTAH has a voice network from Las-Vegas to Salt-lake and on into Idaho!
> Again, it would be simple to add 5 or 6 APRSdigis to cover the same
> 500 mile distance...
>
> APRS is EASY, Transparent, passive and yet fully useful to travelers. I
> NEVER got into the UTAH or Colorado VOICE networks because I couldnt find
> the PL tones nor the right frequencies. APRS on the other hand is always
> 144.39, self identifying, and all users are *always on the air*. You dont
> have to keep calling CQ...
>
> Yes, if I spent 10 minutes of every hour looking thorugh the ARRL Repeater
> directory for voice repeaters and called on every one, I would have had
> communications... but with the family, I dont want to, nor have the
> time... APRS on the other hand is either there.... or not.... and if it
> is there, so also is everyone else...
>
> P.S. I tried monitoring and calling on 146.52, but never heard a peep.
> This works ONLY for Dayton where 17,000 Hams are all on the road on the
> SAME day...
>
> Note... These TRAVELRS APRS DIGIS cannot be supported by the lone
> locals... They may need help from the surrounding community... and may
> require a lot of politicing... But maybe everyone should think about how
> to fill in these areas. The CELLULAR community does EXACTLY that. They
> put Cells where concentrations of people are.
>
> So....
>
> 1) The National Parks, Interstates and Airports are excellent targets.
> 2) Dont just think "local"... Think of travelers too
>
> P.S. Denver AIrport was solid INDOORS with 1 watt and the HT...
> (and all East of the rockies... :-))
>
> The right demo of APRS to the right PARK officail with GPS for search and
> rescue might even get you funding! Imagine how much easier it is to put
> up an APRSdigi on a Park Visitors center than a VOICE repeater (that no
> one can find or no one is listening to...) Total cost of $299?
>
> Alinco 5W HT $ 99
> KPC-3 TNC $139
> Antenna/PS $ 60?
>
> de WB4APR, Bob
>
>
>
>
> ---
> You are currently subscribed to aprsnews as: N0ZED@MICROLINK-D.COM
> To unsubscribe send a blank email to leave-aprsnews-1120O@lists.tapr.org
>
>

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160. [htaprs] Re: THD7A and Lowrance 100

From: Clayton Jenkins <ve3cbj@yahoo.com>
Date: Wed, 18 Aug 1999 21:12:51 -0700 (PDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: JAPalese@aol.com
Message-ID: <LYR845-35026-1999.08.18-23.22.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It certainly can be done - I just did it. Worked like
a charm.

I used the data cable that came with my Airmap 100 and
the D7 cable I had already made up with a DB9 on it. I
don't know of any source other than Lowrance for the
GPS connector.

Cheers,
Clayton
VE3CBJ/W6

--- JAPalese@aol.com wrote:
> Hi
>
> Has anyone connected a Lowrance Airmap 100 GPS and
> the Kenwood HT?
>
> Where does one get parts to make cable connectors?
>
> 73
> WB9JPH
>

_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

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161. [htaprs] Re: Mod for FRS/Grand Canyon

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Wed, 18 Aug 1999 23:50:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35029-1999.08.18-23.58.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:44 AM 8/18/99 -0400, Bob Bruninga wrote:

>...and only once or twoice
>in 2 weeks did we hear another family...
>
>In Grand canyon, my scanner picked up other families on 3 or four other
>channels, but in my opinion, there is room for 10 to 100 times more
>activity before it gets to be "congested"...
>

That was my point, Bob. Families are NOT using FRS radios. I've been to
the Grand Canyon several times, and it's not a hot-bed of industry,
government, or commerce. It's a place where families go. On the other
hand take your FRS radio down to Phoenix. You'll hear plenty of traffic,
but not family chatter. More than likely it'll be City of Phoenix street
workers, school teachers, and Best Buy employees.

2 meters is a blast at the canyon, though. Last time I was up on the north
rim I was chatting simplex to two guys who were hiking down the south side.
 Too bad the TH-D7's weren't around when I went into Havasupai Canyon
last. APRS woulda been great. If anyone ever gets the chance to take a
sidetrip into the Havasupai Indian reservation I highly recommend it.
Mooney Falls are spectacular and words cannot describe them justly. Plus
it's the only place left in the canyon where you can legally fly a
helicopter below the rim. I was there two weeks after the Antelope Canyon
disaster (and on the heels of a hurricane that swept up the baja) and the
helicopter pilots had some pretty hair-raising rescue stories. As a bonus
I found an abandoned pure-bred Pug dog there (near death) and rescued him.
Odd, but I checked with the tribal council, county sheriff, and the parks
service and no one ever reported him missing. He's made a fine pet ever
since, and I hope his owner wasn't one of the people who perished in the

Antelope Canyon floods.

Note: admission to Havasupai Canyon is by permission of the Havasupai
Tribal Council only and requires a permit for overnight stays. Entrance to
the canyon can only be made by a strenuous desert hike on foot, by horse
(ass, donkey, mule, hinny), or helicopter. The reservation has a small
lodge/hotel, campground, and a diner (with pretty good food).

Give yourself 6 hours by foot to hike in or 12 minutes by helicopter. :)
A buddy of mine who runs track for the University of Arizona hiked out in
TWO HOURS with a full pack! One used to be able to raft down the Colorado
and hike up Antelope Canyon to Havasupai, but I don't think the trail
exists anymore...

Again, this is a great place for your TH-D7's.

73,

Mark
KC7BXS

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162. [htaprs] GPSIII+/Win CE

From: "Bear DuMont" <bear@slic.com>
Date: Wed, 18 Aug 1999 22:31:02 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35047-1999.08.19-00.41.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello SIG,
    I have two questions maybe someone can answer. 1)I just order a Garmin
GPSIII+ and need to know the best way to wire it to my D7A. 2) I'm looking
at a Compaq Aero Palm Computer. Does anyone know when a Win CE version of
APRS will exist? If no time soon is their anything I CAN do with Win CE and
the D7A? Thanx

Jeremy "ß£ÅR" DuMont
KC2DNW

-----BEGIN GEEK CODE BLOCK-----Version: 3.1
GAT d+ a? C++++ UL L+ W+++ w+++++ O M-- PS Y PGP t--- tv++ DI++++ G h*r---
z--
------END GEEK CODE BLOCK------

decode @ http://www.ebb.org/ungeek/

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163. [htaprs] Does TH-D7A software MCP-D7 work with Windows NT

From: Richard Parry <rparry@qualcomm.com>
Date: Wed, 18 Aug 1999 22:44:47 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35054-1999.08.19-00.54.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does TH-D7A configuration/programming software, MCP-D7, work with Windows
NT? The August 99 QST review states Windows 95/98 only, but thought
someone here may have tried it with NT.

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

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164. [htaprs] Best Price and Store

From: Jack_Yu@sanlien.com.tw
Date: Thu, 19 Aug 1999 13:37:21 +0800

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35055-1999.08.19-01.10.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear All:

Can anyone suggest the best price and store to buy (mail order?) a TH-D7A
in the US?

Thank you very much.

73 de BM2AVT

Jack Yu

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165. [htaprs] Re: Does TH-D7A software MCP-D7 work with Windows NT

From: John Vause <jdv@iglou.com>
Date: Thu, 19 Aug 1999 07:09:29 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35067-1999.08.19-06.14.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes. I run it under Win NT Workstation 4.0 with Service Pack 5 applied
and MCP-D7 runs fine.
Haven't tried it under NT Server yet but I suspect MCP-D7 run fine on
that too.

73

Richard Parry wrote:
>
> Does TH-D7A configuration/programming software, MCP-D7, work with Windows
> NT? The August 99 QST review states Windows 95/98 only, but thought
> someone here may have tried it with NT.
>
> ---------------
> Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
> ---------------
--
* John Vause KF4ERV jdv@igloudotcom *
NOTE: email address altered for benefit of Spambots
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

166. [htaprs] RE: Does TH-D7A software MCP-D7 work with Windows NT

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Thu, 19 Aug 1999 07:33:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35077-1999.08.19-07.45.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, it works with NT, too.

Stan, WA1LOU

-----Original Message-----
From: Richard Parry [mailto:rparry@qualcomm.com]
Sent: Thursday, August 19, 1999 1:45 AM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Does TH-D7A software MCP-D7 work with Windows NT

Does TH-D7A configuration/programming software, MCP-D7, work with Windows
NT? The August 99 QST review states Windows 95/98 only, but thought
someone here may have tried it with NT.

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

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---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

167. [htaprs] Re: PTT

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Thu, 19 Aug 1999 15:47:55 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35085-1999.08.19-09.00.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Oorspronkelijk bericht-----
> Van: Russ and Joyce Brown [SMTP:brownrj@home.com]
> Verzonden: donderdag 19 augustus 1999 5:07
> Aan: TAPR HT APRS Special Interest Group
> Onderwerp: [htaprs] PTT
>
> I bought the Kenwood $30 over-the-ear PTT accessory for the TH-D7A and
> the wires to the tiny speaker pulled out. I could fix it, but I have a
> different question:
>
> How easy is it to build a PTT setup that uses the external mic but also
> uses the TH-D7A's regular speaker? In addition to the external mic I'd
> also like an external PTT button. The Kenwood PTT function seems to be
> keyed to the speaker plug. Is there a way to easily do this, possibly
> using parts from the broken Kenwood PTT?
>
> Thanks,
> Russ Brown, KB6LUD
>
> [Schayk A.H. van]
> Yes it can be done, all you need to do is to take the ground from an other
> connecter (gps or pc) and youre ready
> The kenwood ptt is the ground for the mic so when you connect the ground
> from the mic to the ground of gps or pc the thd7 wil transmit.
>
> 73 de Andre PE1RDW
> http://www.pe1rdw.demon.nl
>

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168. [htaprs] Re: GPS receivers

From: J G Bilow <jbilow@juno.com>
Date: Thu, 19 Aug 1999 09:03:45 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35086-1999.08.19-09.15.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello All,

I am in the process of ordering the Kenwood TH-D7A from my favorite
dealer.
I would like to know if anyone has used the Magellan receivers model #315
or model #2000XL with the handheld? I see both have NMEA output. I am
new at APRS, etc., so is this what I am looking for?
Thanks for any help!
Jack, KA0YNW

_____
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169. [htaprs] Re: Does TH-D7A software MCP-D7 work with Windows NT

From: "Gary S. Bargholz" <N9UUR@execpc.com>
Date: Thu, 19 Aug 1999 09:31:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-35090-1999.08.19-09.41.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Does TH-D7A configuration/programming software, MCP-D7, work with Windows
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> someone here may have tried it with NT.
>
>
> ---------------
> Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
> ---------------

Hi Rich and the group.

The Kenwood program works just fine on NT 4 Workstation,
NT 4 Server and Windows 2000 Server   :)

73 gb

_____

Gary Bargholz
http://www.execpc.com/~n9uur
AMSAT Area 9 Coordinator, Wisconsin
Chairman: W.A.R. The WI Association of Repeaters
Treasurer: M.R.C. The Milwaukee Repeater Club
Owner: N9UUR-10 Milwaukee APRServe IGate
                (N9UUR.IMC.MU.EDU:23)
_____

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

170. [htaprs] Re: GPS receivers

From: "Walter Dunckel" <wdunckel@best.com>
Date: Thu, 19 Aug 1999 08:04:27 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35094-1999.08.19-10.10.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The TH-D7 requires NMEA-0183 type sentences. I believe this covers most GPS
receivers, except those with proprietary output only.

Walter
http://www.radiohound.com

>Hello All,
>
>I am in the process of ordering the Kenwood TH-D7A from my favorite
>dealer.
>I would like to know if anyone has used the Magellan receivers model #315
>or model #2000XL with the handheld? I see both have NMEA output. I am
>new at APRS, etc., so is this what I am looking for?
>Thanks for any help!
>Jack, KA0YNW

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171. [htaprs] Re: GPS receivers

From: "Phil Greenland" <pgreen@axom.com>
Date: Thu, 19 Aug 1999 11:38:14 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35096-1999.08.19-10.46.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check out the link below. Compatibility
http://www.qsl.net/n6qab/n6qabgps1.htm

Phil
  E-mail: pgreen@axom.com

Amateur Call: KB8QHM
Web Page: http://www.axom.com/greenland/index.htm
ICQ Number: 1499191

> Hello All,
>
> I am in the process of ordering the Kenwood TH-D7A from my favorite
> dealer.
> I would like to know if anyone has used the Magellan receivers model #315
> or model #2000XL with the handheld? I see both have NMEA output. I am
> new at APRS, etc., so is this what I am looking for?
> Thanks for any help!
> Jack, KA0YNW
> _____

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] Re: GPS receivers

From: "Walter Dunckel" <wdunckel@best.com>
Date: Thu, 19 Aug 1999 08:59:46 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35097-1999.08.19-11.06.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Remember:This page only applies to TH D7A's that have a S/N below 010xxxxx
and have not had their firmware upgraded by Kenwood Service Center West.

All GPS units with NMEA-0183 should be compatible with the new units that
have been sold for the last two or three months or so.

Walter

>Check out the link below. Compatibility
>http://www.qsl.net/n6qab/n6qabgps1.htm
>
>Phil

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

173. [htaprs] Re: TH-7D RESET

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 19 Aug 1999 12:34:22 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35105-1999.08.19-11.44.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 14 Aug 1999, John W Wilson wrote:

> Does this mean that the TH-7D will not reliably work at high power in a
> mobile situation?

I just returned from a 2 week camping trip with 2 THD7's. THey were on
all the time and were plugged and unplugged from the cigarette lighter
dozens of times a day or more. One was on MIR and AO27 freqs (with
short STATUS and BLNS and PATHS) and the other was on 144.39 and 146.52
for voice..(with long paths, STATUS and BLNS)

The duct-tape cardboard dash holder (rental car) blocked the Keyboard so
every time I had to make a keyboard entry, or QSY or anything, I had to
unplug the DC make the change and re-plug it in.

MY cigarette ligher cord is a straight DC cord with no filtering (only
fuses). During the entire trip, I never had a reset or any other kind of
problem. Worked falwlessly...

Including jumping out of the car with the arrow antenna at least 8 times a
day for MIR and AO27 passes...

de WB4APR, Bob

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174. [htaprs] Re: TH-7D RESET

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 19 Aug 1999 12:37:42 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35106-1999.08.19-11.47.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 15 Aug 1999 G7GUO@aol.com wrote:

> << Does this mean that the TH-7D will not reliably work at high power in a
> mobile situation? >>
>
> I don't know about that. I have not tried it with an external battery and I
> don't have a car. It does seem likely that it will not though if it will not
> work reliably with a 30 Amp 12v fully regulated supply though!

Important thing here is transient response of the power supply. It may
deliver 30 amps, but may have a poor transient response allowing a
millisecond drop in power when the HT goes from 60ma to 1 amp or more
during transmit. Easy to solve with a capacitor...

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175. [htaprs] Re: TH-7D RESET

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 19 Aug 1999 12:50:53 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35118-1999.08.19-12.00.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 16 Aug 1999 G7GUO@aol.com wrote:

> Regulators aren't all the same. Some large current designs regulate poorly
> at low currents, or it may have a problem with transient response and
> overshoot.
>   >>
> Works OK with other TNC's though with seperate TX running off same supply!?
> 73, Simon G7GUO.

Thats the thing about transients, everything is differerent...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

176. [htaprs] Re: National Parks and Interstates

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 19 Aug 1999 11:04:48 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35119-1999.08.19-12.16.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Subject: National Parks and Interstates
>From: Bob Bruninga <bruninga@nadn.navy.mil>
>Date: Wed, 18 Aug 1999 17:59:16 -0400 (EDT)

Bob wrote:

>4) I-70 West through Western Colorado is a MAJOR artery. It has the
>"colorado-conection" for voice, but should also have 3 similar APRS
>digis to cover that baren 300 miles... including Vail and Aspen...

Yes, it's so major that I prefer to avoid it if I can when doing forays "down south" from Wyoming.
Another noteworthy aspect is that the part where you'd most want to have APRS for it's emergency
handling capability is in the long canyon where coverage would be most difficult to achieve. Twice this

year we saw news stories of tragic rock slides that ended in deaths and/or nearly complete road blockages. FYI, springtime is when the rocks fall - the ice that fractured them is no longer cementing them to the wall. Not to mention the big rains this year that also loosened things up. An APRS WX station there sounds like a good idea too...

>Yes, if I spent 10 minutes of every hour looking thorugh the ARRL Repeater
>directory for voice repeaters and called on every one, I would have had
>communications... but with the family, I dont want to, nor have the
>time... APRS on the other hand is either there.... or not.... and if it
>is there, so also is everyone else...

The families are a contributing reason for the quietness you noted. National Park time is family time, not always radio time too. Plus sometimes I should just shut up and look.   :-)

>1) The National Parks, Interstates and Airports are excellent targets.
>2) Dont just think "local"... Think of travelers too

Well, if you drive through Laramie on I-80 or US 287 maybe I'll get your position into the internet via KC7ZRU-2 feeding KD7CEJ-1. We don't have any high antennas yet, we're still working on that, so the coverage isn't yet to a world-class level - though we do optimistically support WIDEn and TRACEn paths. Next on your way west you'll hit the Rawlins TCP/IP machine, then Salt Lake. Two stations E and W of Green River, WY would fill a large hole.

I would like to publicly thank many in the APRS community (too many to mention, you know who you are) for helping me and Tate KC7ZRU set up our APRS infrastructure in this recent black hole. APRS has some of the best Elmering going, keep it up guys, it's sincerely appreciated!

>KPC-3 TNC $139

Better check the recent prices, unfortunately.

Here's a nutty idea: we could set up an APRS equipment fund to help isolated locals fill in much needed holes. Donations could be in the form of cash or soon to be abandoned equipment. It'd probably be an absolute nightmare to administer, but maybe it could fly. The world of APRS is enough of a community that it just might have a chance.

73,
Tony Arnerich KD7CEJ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

177. [htaprs] Re: National Parks and Interstates

From: "Jim Olsen" <jolsen@novonyx.com>
Date: Thu, 19 Aug 1999 13:54:55 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35149-1999.08.19-15.13.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually, you will hit one more between Green River and Salt Lake City (Alot closer to the SLC side :-)). You will hit KC7GGQ-2. This is in Park City near the Jeremy Ranch exit. It is running a version of software I have written that is compatable with APRS and the MICE format utilized by the TH-D7A. It also has weather station capability and is running one of the Radio Shack WX-200 deals. It varies between 7 watts and 50 watts depending which radio I a running it on. It is at 7100 feet and is using a Diamond X-50 mounted on top of my house, so it gets all right reception, but not the best in the world.

I have picked up a few truckers rolling through there. I am working on getting full time internet access (it is only dial on demand right now, Utah is a little slow in getting the latest stuff) so I hope to eventually Igate this....

Jim Olsen
jolsen@novonyx.com

> -----Original Message-----
> From: bounce-htaprs-7324@lists.tapr.org
> [mailto:bounce-htaprs-7324@lists.tapr.org]On Behalf Of Tony Arnerich
> Sent: Thursday, August 19, 1999 11:05 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: National Parks and Interstates
>
>
> >Subject: National Parks and Interstates

> >From: Bob Bruninga <bruninga@nadn.navy.mil>
> >Date: Wed, 18 Aug 1999 17:59:16 -0400 (EDT)
>
> Bob wrote:
>
> >4) I-70 West through Western Colorado is a MAJOR artery. It has the
> >"colorado-conection" for voice, but should also have 3 similar APRS
> >digis to cover that baren 300 miles... including Vail and Aspen...
>
> Yes, it's so major that I prefer to avoid it if I can when doing
> forays "down south" from Wyoming. Another noteworthy aspect is
> that the part where you'd most want to have APRS for it's
> emergency handling capability is in the long canyon where
> coverage would be most difficult to achieve. Twice this year we
> saw news stories of tragic rock slides that ended in deaths
> and/or nearly complete road blockages. FYI, springtime is when
> the rocks fall - the ice that fractured them is no longer
> cementing them to the wall. Not to mention the big rains this
> year that also loosened things up. An APRS WX station there
> sounds like a good idea too...
>
> >Yes, if I spent 10 minutes of every hour looking thorugh the
> ARRL Repeater
> >directory for voice repeaters and called on every one, I would have had
> >communications... but with the family, I dont want to, nor have the
> >time... APRS on the other hand is either there.... or not.... and if it
> >is there, so also is everyone else...
>
> The families are a contributing reason for the quietness you
> noted. National Park time is family time, not always radio time
> too. Plus sometimes I should just shut up and look.   :-)
>
> >1) The National Parks, Interstates and Airports are excellent targets.
> >2) Dont just think "local"... Think of travelers too
>
> Well, if you drive through Laramie on I-80 or US 287 maybe I'll
> get your position into the internet via KC7ZRU-2 feeding
> KD7CEJ-1. We don't have any high antennas yet, we're still
> working on that, so the coverage isn't yet to a world-class level
> - though we do optimistically support WIDEn and TRACEn paths.
> Next on your way west you'll hit the Rawlins TCP/IP machine, then
> Salt Lake. Two stations E and W of Green River, WY would fill a
> large hole.
>
> I would like to publicly thank many in the APRS community (too
> many to mention, you know who you are) for helping me and Tate
> KC7ZRU set up our APRS infrastructure in this recent black hole.
> APRS has some of the best Elmering going, keep it up guys, it's
> sincerely appreciated!
>
> >KPC-3 TNC $139
>
> Better check the recent prices, unfortunately.
>
> Here's a nutty idea: we could set up an APRS equipment fund to
> help isolated locals fill in much needed holes. Donations could
> be in the form of cash or soon to be abandoned equipment. It'd
> probably be an absolute nightmare to administer, but maybe it
> could fly. The world of APRS is enough of a community that it
> just might have a chance.
>
> 73,
> Tony Arnerich KD7CEJ
>
>
>
> ---
> You are currently subscribed to htaprs as: jolsen@novonyx.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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>

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178. [htaprs] Re: Does TH-D7A software MCP-D7 work with Windows NT

From: Paul Womble <pwomble1@tampabay.rr.com>
Date: Thu, 19 Aug 1999 17:49:33 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35154-1999.08.19-17.02.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have ran it on NT 4.0 and it seems to run ok. All tabs, buttons, ect look like they function properly...have not however connected it to the radio.

Let us know how it works.

Paul AJ4Y

--
AJ4Y info page:
www.qsl.net/aj4y
Polk County Chapter American Red Cross:
www.redcross.org/fl/polkcounty
Lakeland Amateur Radio Club:
www.qsl.net/k4lkl

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179. [htaprs] Re: TH-7D RESET

From: G7GUO@aol.com
Date: Thu, 19 Aug 1999 19:14:27 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35163-1999.08.19-18.25.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 19/08/1999 17:39:59 GMT Daylight Time,
bruninga@nadn.navy.mil writes:

<< Important thing here is transient response of the power supply. It may
 deliver 30 amps, but may have a poor transient response allowing a
 millisecond drop in power when the HT goes from 60ma to 1 amp or more
 during transmit. Easy to solve with a capacitor...
  >>
Many thanks to everybody who replied on this subject. It seems that the problem is due to momentary drops in supply voltage then. The reason why it happens for some people and not others is probably due to variations in individual setups as such things as power pack transient response, lead lengths, and indvidual TH-D7's may be all it takes to make the difference. I guess I can fix it with some simple filtering. Or maybe by just using shorter/thicker cabling.
73, Simon G7GUO.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

180. [htaprs] APRS Coverage

From: "David Robertson" <drober05@tir.com>
Date: Thu, 19 Aug 1999 22:10:41 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35183-1999.08.19-21.23.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All the talk of using the TH-D7A for APRS in such exotic places as the Grand Canyon and remote Indian reservations makes me think I'm missing something here. I live in mid-Michigan and I can't even seem to hit digipeaters in some larger towns such as Flint and Saginaw. That is using the TH-D7A while mobile connected to a mag mount antenna. I went camping a couple weeks ago and looked forward to playing with APRS while at the state park campground at the tip of Michigan's lower peninsula. I was unable to hit any digipeaters while at the campground or while driving up I-75 through Michigan. In some places, I did receive APRS packets. Now I'm wondering if maybe I'm doing something wrong. Do you always get a "MY PACKET" message if your beacon is heard? Do I need to set something up differently in the radio?

I am able to hit digipeaters in the Detroit area and have seen my location registered at the web site so I know I am doing something right. I really bought the TH-D7A because I am quite interested in APRS but now I'm getting

frustrated. Is 5.5 watts insufficient for suitable APRS coverage?

David Robertson
KC8JZX@arrl.net

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181. [htaprs] Re: Best Price and Store

From: "David Robertson" <drober05@tir.com>
Date: Thu, 19 Aug 1999 22:13:09 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35184-1999.08.19-21.24.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I purchased my TH-D7A recently and at that time Universal had the best deal.
However, you should consider what accessories you want with the radio. I
found that accessory prices varied much more than the radio price. The
place with the cheapest radio price may not be the cheapest deal once you
add the accessories.

Dave Robertson
KC8JZX
----- Original Message -----
From: <Jack_Yu@sanlien.com.tw>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Wednesday, August 18, 1999 10:37 PM
Subject: [htaprs] Best Price and Store

>
>
>
> Dear All:
>
> Can anyone suggest the best price and store to buy (mail order?) a TH-D7A
> in the US?
>
> Thank you very much.
>
> 73 de BM2AVT
>
> Jack Yu
>
>
>
> ---
> You are currently subscribed to htaprs as: kc8jzx@arrl.net
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>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

182. [htaprs] Re: GPS receivers

From: "John V. Morton" <wa4umr@mail.sdf.bellsouth.net>
Date: Thu, 19 Aug 1999 22:26:14 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35187-1999.08.19-21.35.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a Magellan GPS4000 and it don't work with the TH-D7.   The TH-D7
requires NMEA-0183 ($GPWPL) format (see the bottom right of page 64 in
their manual). The magellan GPS-4000 outputs $GPBWC, $GPAPA, $GPGLL
$GPVTG, $GPRMC, $GPRMB, $GPAPB, and $GPGGA.

I use the Garmin GPS-III+ with the TH-D7. Makes a really nice package. The
stations that you receive will show up on the map as waypoints. The only
problem
is getting the interface cable between the two units. I ordered some nice
cables
from Mouser Electronics with plugs to match the TH-D7 and put a DB-9 on it

to mate with the cable that comes with the GPS-III+. I haven't kept up with
all
of the messages in the new group but if you ask around, someone (probably a
bunch of folks) know where you can get them allready made up.

73 John, WA4UMR

J G Bilow wrote:

> Hello All,
>
> I am in the process of ordering the Kenwood TH-D7A from my favorite
> dealer.
> I would like to know if anyone has used the Magellan receivers model #315
> or model #2000XL with the handheld? I see both have NMEA output. I am
> new at APRS, etc., so is this what I am looking for?
> Thanks for any help!
> Jack, KA0YNW
> ____
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: http://dl.www.juno.com/dynoget/tagj.
>
> ---
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---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

183. [htaprs] RE: GPSIII+/Win CE

From: jlagreek <jlagreek@inlink.com>
Date: Thu, 19 Aug 1999 21:59:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35191-1999.08.19-22.49.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello SIG,
    I have two questions maybe someone can answer. 1)I just order a Garmin
GPSIII+ and need to know the best way to wire it to my D7A. 2) I'm looking
at a Compaq Aero Palm Computer. Does anyone know when a Win CE version of
APRS will exist? If no time soon is their anything I CAN do with Win CE and
the D7A? Thanx

1) www.anet-stl.com/~mcmusick this is the pocketAPRS page and has diagrams
and sources for parts.
2) There may be a Win CE version some day. The only PDA that has APRS
working Today is the Palm Pilot. Personally the Palm Pilot will probably
do everything you want. It doesn't have color, but that should be coming.

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

184. [htaprs] RE: th-d7 palmpilot cable

From: jlagreek <jlagreek@inlink.com>
Date: Thu, 19 Aug 1999 22:44:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35194-1999.08.19-23.03.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No pre-made cables are available. See www.anet-stl.com/~mcmusick the pocketAPRS site for cable
suggestions.

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

Any suggestions as to the best th-d7 palmpilot cable connection?

Though I can solder connections, I prefer not to... Premade available?

Thanks!

73

Bob KE6TIV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

185. [htaprs] Re: htaprs digest: August 18, 1999

From: "Kenny Johns" <kjohns@worldnet.att.net>
Date: Thu, 19 Aug 1999 23:32:13 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35201-1999.08.19-23.41.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I didn't go back looking very far in TAPR HT but is there a mod for the THD7
to transmit out of band?
It would save me cost of an additional radio for 150. 000 mhz
Thanks ken/ab4eg.
-----Original Message-----
From: TAPR HT APRS Special Interest Group digest <htaprs@lists.tapr.org>
To: htaprs digest recipients <htaprs@lists.tapr.org>
Date: Wednesday, August 18, 1999 11:53 PM
Subject: htaprs digest: August 18, 1999

>TAPR HT APRS Special Interest Group Digest for Wednesday, August 18, 1999.
>
>1. Re: aprs beacon
>2. Re: Mod for FRS
>3. Re: Mod for FRS
>4. Re: Garmin "EOW" Event AUG.22
>5. GPS KITS
>6. THD7A and Lowrance 100
>7. Re: aprs beacon
>8. RE: THD7A and Lowrance 100
>9. National Parks and Interstates
>10. TH-D7 and Magellan GPS
>11. PTT
>12. Re: [aprsnews] National Parks and Interstates
>13. Re: THD7A and Lowrance 100
>14. Re: Mod for FRS/Grand Canyon
>
>--
>
>Subject: Re: aprs beacon
>From: KF4KRF@aol.com
>Date: Wed, 18 Aug 1999 03:20:18 EDT
>X-Message-Number: 1
>
>sorry i'm new to the list, i suppose this has been covered.
> when monitoring my beacon packets, i don't see a position in long and lat.
>instead a series of letters. its a strange looking aprs packet, is this
>normal? i assume this is the mic-e format?
>
>second, my position does not show on my machine running aprsdos (7.90?)
>
>comments.
>
>david lowery
>
>--
>

>Subject: Re: Mod for FRS
>From: Bob Bruninga <bruninga@nadn.navy.mil>
>Date: Wed, 18 Aug 1999 10:44:22 -0400 (EDT)
>X-Message-Number: 2
>
>I just retruend from a 2 week camping tour of the major national parks in
>COlorado, AZ and UTAH. My family always uses the FRS radios and mine is
>always scanning the entire 14 channels. Even in Grand canyon with 22,000
>visitors a day, I rarely heard anything. My family uses channel 1 no
>tones (the default for all single channel radios) and only once or twoice
>in 2 weeks did we hear another family...
>
>In Grand canyon, my scanner picked up other families on 3 or four other
>channels, but in my opinion, there is room for 10 to 100 times more
>activity before it gets to be "congested"...
>
>de Bob
>
>
>
>--
>
>Subject: Re: Mod for FRS
>From: "J. Scott Ratchford" <kc5jgv@bobcats2.oursc.k12.ar.us>
>Date: Wed, 18 Aug 1999 10:29:40 -0500
>X-Message-Number: 3
>
>Did you hear anyone say   H
>   H
>   H
>   E
>   E
>   E
>   L
>   L
>   L
>   P
>   P
>   P
>   ?
>
>
>Good Day,
>J. Scott Ratchford
>General Manager Marshall Vega Corp.
>Ham Radio - KC5JGV
>Calf Creek Lodge #426
>
>On Wednesday, August 18, 1999 9:44 AM, Bob Bruninga
[SMTP:bruninga@nadn.navy.mil] wrote:
>> I just retruend from a 2 week camping tour of the major national parks in
>> COlorado, AZ and UTAH. My family always uses the FRS radios and mine is
>> always scanning the entire 14 channels. Even in Grand canyon with 22,000
>> visitors a day, I rarely heard anything. My family uses channel 1 no
>> tones (the default for all single channel radios) and only once or twoice
>> in 2 weeks did we hear another family...
>>
>> In Grand canyon, my scanner picked up other families on 3 or four other
>> channels, but in my opinion, there is room for 10 to 100 times more
>> activity before it gets to be "congested"...
>>
>> de Bob
>>
>>
>>
>> ---
>> You are currently subscribed to htaprs as: kc5jgv@arrl.net
>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>>
>
>
>--
>
>Subject: Re: Garmin "EOW" Event AUG.22
>From: Gerry Paquette <ve2aw@total.net>
>Date: Wed, 18 Aug 1999 12:21:46 -0400
>X-Message-Number: 4
>
>I have not ordered this particular cable but made my own; you can find you

```
>wiring diagram in the operating manual for your particular GPS unit and if
>you do not have it, you can download the manual directly from Garmin who
>have posted them in pdf format.
>
>"Kevin Numbers, KC8MTV" wrote:
>
>> Has anybody ordered this cable for the Garmin GPS upgrades for the "EOW"
>> August 22, 1999 event?
>> How much is it? Can it be made?
>> Here's the link to the FAQ page regarding this situation.
>> http://www.garmin.com/faqs/1.html
>>
>
>--
>Gérard (Gerry) Paquette
>Canadian WinAPRS Support Site: http://www.qsl.net/ve2aw/
>WinAPRS maps of some regions in Canada: ftp://ftp.qsl.net/pub/ve2aw/
>
>
>
>----------------------------------------------------------------------
>
>Subject: GPS KITS
>From: "Peter Black" <zr5dwc@iafrica.com>
>Date: Wed, 18 Aug 1999 19:21:43 +0200
>X-Message-Number: 5
>
>This is a multi-part message in MIME format.
>
>------=_NextPart_000_0005_01BEE9AE.E83DD420
>Content-Type: multipart/alternative;
> boundary="----=_NextPart_001_0006_01BEE9AE.E846FBE0"
>
>
>------=_NextPart_001_0006_01BEE9AE.E846FBE0
>Content-Type: text/plain;
> charset="iso-8859-1"
>Content-Transfer-Encoding: quoted-printable
>
>Here is a good site for GPS kits=20
>
>73
>Peter=20
>ZR5DWC
>
> http://mavin.com/slickitems.html
>
>------=_NextPart_001_0006_01BEE9AE.E846FBE0
>Content-Type: text/html;
> charset="iso-8859-1"
>Content-Transfer-Encoding: quoted-printable
>
><!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
><HTML><HEAD>
><META content=3D"text/html; charset=3Diso-8859-1" =
>http-equiv=3DContent-Type>
><META content=3D"MSHTML 5.00.2014.210" name=3DGENERATOR>
><STYLE></STYLE>
></HEAD>
><BODY bgColor=3D#ffffff>
><DIV><EM><FONT face=3D"Arial Black" size=3D2>Here is a good site for GPS =
>kits=20
></FONT></EM></DIV>
><DIV> </DIV>
><DIV><EM><FONT face=3D"Arial Black" size=3D2>73</FONT></EM></DIV>
><DIV><EM><FONT face=3D"Arial Black" size=3D2>Peter </FONT></EM></DIV>
><DIV><EM><FONT face=3D"Arial Black" =
>size=3D2>ZR5DWC</FONT></EM></DIV><BR> <A=20
>href=3D"http://mavin.com/slickitems.html">http://mavin.com/slickitems.htm=
>l</A></BODY></HTML>
>
>------=_NextPart_001_0006_01BEE9AE.E846FBE0--
>
>------=_NextPart_000_0005_01BEE9AE.E83DD420
>Content-Type: application/octet-stream;
> name="Computer Products Page, Motherboards, Hard Drives, Keyboards, Cases,
Speakers etc.....url"
>Content-Transfer-Encoding: 7bit
>Content-Disposition: attachment;
```

> filename="Computer Products Page, Motherboards, Hard Drives, Keyboards,
Cases, Speakers etc.....url"
>
>[DEFAULT]
>BASEURL=http://mavin.com/slickitems.html
>
>[InternetShortcut]
>URL=http://mavin.com/slickitems.html
>Modified=40B5CAC09DE9BE01C4
>
>------=_NextPart_000_0005_01BEE9AE.E83DD420--
>
>
>--
>
>Subject: THD7A and Lowrance 100
>From: JAPalese@aol.com
>Date: Wed, 18 Aug 1999 14:29:28 EDT
>X-Message-Number: 6
>
>Hi
>
>Has anyone connected a Lowrance Airmap 100 GPS and the Kenwood HT?
>
>Where does one get parts to make cable connectors?
>
>73
>WB9JPH
>
>--
>
>Subject: Re: aprs beacon
>From: "Lou Ruh" <LOU_RUH@LOTUS.SSW.COM>
>Date: Wed, 18 Aug 1999 14:26:24
>X-Message-Number: 7
>
>Your first question has indeed been asked before (as recently as August 15
>in fact). If I understand the question correctly, then what you are looking
>at is the MIC-E encoding scheme. If you want to decode it, the best
>description of the MIC-E format that I have seen is at
>ftp://ftp.tapr.org/mic-e/docs/mic-e.manual.pdf (you will need Adobe Acrobat
>Reader to be able to view it).
>
>I don't know the answer to your second question.
>
>
>--
>
>Subject: RE: THD7A and Lowrance 100
>From: "Doug Wetzel" <dwetzel@earthlink.net>
>Date: Wed, 18 Aug 1999 14:01:15 -0700
>X-Message-Number: 8
>
>I've used an Airmap 300 successfully. I used Lowrance's special
>GPS-computer cable (they use a proprietary connector on the GPS side), and
a
>male DB-9 to TH-D7 to get to the handheld GPS port.
>
>> -----Original Message-----
>> From: bounce-htaprs-3732@lists.tapr.org
>> [mailto:bounce-htaprs-3732@lists.tapr.org]On Behalf Of JAPalese@aol.com
>> Sent: Wednesday, August 18, 1999 11:29 AM
>> To: TAPR HT APRS Special Interest Group
>> Subject: [htaprs] THD7A and Lowrance 100
>>
>>
>> Hi
>>
>> Has anyone connected a Lowrance Airmap 100 GPS and the Kenwood HT?
>>
>> Where does one get parts to make cable connectors?
>>
>> 73
>> WB9JPH
>>
>> ---
>> You are currently subscribed to htaprs as: DWETZEL@EARTHLINK.NET
>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>>

>>
>
>
>--
>
>Subject: National Parks and Interstates
>From: Bob Bruninga <bruninga@nadn.navy.mil>
>Date: Wed, 18 Aug 1999 17:59:16 -0400 (EDT)
>X-Message-Number: 9
>
>Just returned from 2 week Camping trip through CO, AZ and UT and have
>some comments and 1000 Emails to go through...
>
>1) Nothing heard on APRS west of Denver, Northern AZ, nor Southern Utah.
>Not complaining, its a big country, but I have a few ideas....
>
> a) Grand Canyon averages 22,000 people a day. Statistics suggest that
>   100 or so are hams. There is a voice repeater there (if you look it
>   up) but in 2 days, I only rounded up ONE QSO with a local who was
>   50 miles away...
>
> b) Those 22,000 also go the days before or after to ZION, BRYCE, Mesa
>   Verde and other large national campgrounds.. Big concentrations of
>   HAM travelers in a few small spots...
>
> c) We could get a lot of bang for the buck by having just one local
>   DIGI in such areas of LARGE concentrations of APRS travelers...
>
>2) In Flagstaff, there was a 10 second DGPS signal using the call of
>PK232>DGPS:....rtcm...data.... But NO digi, no network and no links
>
>3) On top of Mesa Verde (SW CO) I got into the vast New Mexico APRS
>system, and it was a joy. This would be an EXCELLENT location for
>an APRS digi to cover all of the 4 corners area... (Travelers..)
>
>4) I-70 West through Western Colorado is a MAJOR artery. It has the
>"colorado-conection" for voice, but should also have 3 similar APRS
>digis to cover that baren 300 miles... including Vail and Aspen...
>
>5) UTAH has a voice network from Las-Vegas to Salt-lake and on into Idaho!
>Again, it would be simple to add 5 or 6 APRSdigis to cover the same
>500 mile distance...
>
>APRS is EASY, Transparent, passive and yet fully useful to travelers. I
>NEVER got into the UTAH or Colorado VOICE networks because I couldnt find
>the PL tones nor the right frequencies. APRS on the other hand is always
>144.39, self identifying, and all users are *always on the air*. You dont
>have to keep calling CQ...
>
>Yes, if I spent 10 minutes of every hour looking thorugh the ARRL Repeater
>directory for voice repeaters and called on every one, I would have had
>communications... but with the family, I dont want to, nor have the
>time... APRS on the other hand is either there.... or not.... and if it
>is there, so also is everyone else...
>
>P.S. I tried monitoring and calling on 146.52, but never heard a peep.
>This works ONLY for Dayton where 17,000 Hams are all on the road on the
>SAME day...
>
>Note... These TRAVELRS APRS DIGIS cannot be supported by the lone
>locals... They may need help from the surrounding community... and may
>require a lot of politicing... But maybe everyone should think about how
>to fill in these areas. The CELLULAR community does EXACTLY that. They
>put Cells where concentrations of people are.
>
>So....
>
>1) The National Parks, Interstates and Airports are excellent targets.
>2) Dont just think "local"... Think of travelers too
>
>P.S. Denver AIrport was solid INDOORS with 1 watt and the HT...
>(and all East of the rockies... :-))
>
>The right demo of APRS to the right PARK officail with GPS for search and
>rescue might even get you funding! Imagine how much easier it is to put
>up an APRSdigi on a Park Visitors center than a VOICE repeater (that no
>one can find or no one is listening to...) Total cost of $299?
>
>Alinco 5W HT $ 99

>KPC-3 TNC $139
>Antenna/PS $ 60?
>
>de WB4APR, Bob
>
>
>
>
>--
>
>Subject: TH-D7 and Magellan GPS
>From: WCovey@aol.com
>Date: Wed, 18 Aug 1999 21:43:49 EDT
>X-Message-Number: 10
>
>This may have already been answered, but couldn't locate any information.
>Is the Magellan 315 or Magellan Blazer 12 compatible with the Kenwood HT?
>Anyone using these? I'm asking this for another amateur who isn't on the
>Internet or any of the lists. Thanks to all in advance.   Bill, W1GTT
>
>
>--
>
>Subject: PTT
>From: Russ and Joyce Brown <brownrj@home.com>
>Date: Wed, 18 Aug 1999 20:07:17 -0700
>X-Message-Number: 11
>
>I bought the Kenwood $30 over-the-ear PTT accessory for the TH-D7A and
>the wires to the tiny speaker pulled out. I could fix it, but I have a
>different question:
>
>How easy is it to build a PTT setup that uses the external mic but also
>uses the TH-D7A's regular speaker? In addition to the external mic I'd
>also like an external PTT button. The Kenwood PTT function seems to be
>keyed to the speaker plug. Is there a way to easily do this, possibly
>using parts from the broken Kenwood PTT?
>
>Thanks,
>Russ Brown, KB6LUD
>
>--
>
>Subject: Re: [aprsnews] National Parks and Interstates
>From: "George Kammerzell n0zed" <n0zed@rmaprs.org>
>Date: Wed, 18 Aug 1999 21:23:20 -0600
>X-Message-Number: 12
>
>n0wbw and my self ARE working on just that Bob , we hope to have the I70
>path through the western side covered before the big doing in salt lake . I
>have 10 uniden 45 w data radios getting tuned up on 4.39 , have very good
>sites . but lack the TNCs. I hope to get southeastern colo up on a wide yet
>this year for chy mountian in colorado springs and next spring start over
>the hill. If we can get onto milners peak this would be a major link for
the
>connection and APRS cause it would cover both sides of loveland pass. take
a
>look a at the digi news page at www.rmaprs.org , this will give a idea of
>what we are tring to get done, the time line just got hosed some. you saw
>what I got done with -5's coverage , and that is with a kpc 3+ a 15w alinco
>a real work of art FAA antenna (it is the only thing we coul;d find that
>would handle thor's wind).
>the long term dream is also to get WX on all the sites also . SO if anyone
>got a few TNCs not in use........I am not above begging..grin
>73s   n0zed George
>
>----- Original Message -----
>From: Bob Bruninga <bruninga@nadn.navy.mil>
>To: APRS Announcements <aprsnews@lists.tapr.org>
>Cc: APRS+ <aprsplus@k8sn.org>; <aprsnews@tapr.org>; <htaprs@tapr.org>
>Sent: Wednesday, August 18, 1999 3:59 PM
>Subject: [aprsnews] National Parks and Interstates
>
>
>
>> Just returned from 2 week Camping trip through CO, AZ and UT and have
>> some comments and 1000 Emails to go through...
>>
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>>   a) Grand Canyon averages 22,000 people a day. Statistics suggest that
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>>   50 miles away...
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>> Again, it would be simple to add 5 or 6 APRSdigis to cover the same
>> 500 mile distance...
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>> APRS is EASY, Transparent, passive and yet fully useful to travelers. I
>> NEVER got into the UTAH or Colorado VOICE networks because I couldnt find
>> the PL tones nor the right frequencies. APRS on the other hand is always
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dont
>> have to keep calling CQ...
>>
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Repeater
>> directory for voice repeaters and called on every one, I would have had
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>> (and all East of the rockies... :-))
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>> rescue might even get you funding! Imagine how much easier it is to put
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>>
>> Alinco 5W HT $ 99
>> KPC-3 TNC $139
>> Antenna/PS $ 60?
>>
>> de WB4APR, Bob
>>
>>
>>
>>
>> ---
>> You are currently subscribed to aprsnews as: N0ZED@MICROLINK-D.COM
>> To unsubscribe send a blank email to leave-aprsnews-1120O@lists.tapr.org
>>

>>
>
>
>--
>
>Subject: Re: THD7A and Lowrance 100
>From: Clayton Jenkins <ve3cbj@yahoo.com>
>Date: Wed, 18 Aug 1999 21:12:51 -0700 (PDT)
>X-Message-Number: 13
>
>It certainly can be done - I just did it. Worked like
>a charm.
>
>I used the data cable that came with my Airmap 100 and
>the D7 cable I had already made up with a DB9 on it. I
>don't know of any source other than Lowrance for the
>GPS connector.
>
>Cheers,
>Clayton
>VE3CBJ/W6
>
>--- JAPalese@aol.com wrote:
>> Hi
>>
>> Has anyone connected a Lowrance Airmap 100 GPS and
>> the Kenwood HT?
>>
>> Where does one get parts to make cable connectors?
>>
>> 73
>> WB9JPH
>>
>
>____
>Do You Yahoo!?
>Get your free @yahoo.com address at http://mail.yahoo.com
>
>
>--
>
>Subject: Re: Mod for FRS/Grand Canyon
>From: Mark Fellhauer <sparkfel@primenet.com>
>Date: Wed, 18 Aug 1999 23:50:38 -0500
>X-Message-Number: 14
>
>At 10:44 AM 8/18/99 -0400, Bob Bruninga wrote:
>
>>...and only once or twoice
>>in 2 weeks did we hear another family...
>>
>>In Grand canyon, my scanner picked up other families on 3 or four other
>>channels, but in my opinion, there is room for 10 to 100 times more
>>activity before it gets to be "congested"...
>>
>
>That was my point, Bob. Families are NOT using FRS radios. I've been to
>the Grand Canyon several times, and it's not a hot-bed of industry,
>government, or commerce. It's a place where families go.   On the other
>hand take your FRS radio down to Phoenix. You'll hear plenty of traffic,
>but not family chatter. More than likely it'll be City of Phoenix street
>workers, school teachers, and Best Buy employees.
>
>2 meters is a blast at the canyon, though. Last time I was up on the north
>rim I was chatting simplex to two guys who were hiking down the south side.
> Too bad the TH-D7's weren't around when I went into Havasupai Canyon
>last. APRS woulda been great. If anyone ever gets the chance to take a
>sidetrip into the Havasupai Indian reservation I highly recommend it.
>Mooney Falls are spectacular and words cannot describe them justly. Plus
>it's the only place left in the canyon where you can legally fly a
>helicopter below the rim. I was there two weeks after the Antelope Canyon
>disaster (and on the heels of a hurricane that swept up the baja) and the
>helicopter pilots had some pretty hair-raising rescue stories. As a bonus
>I found an abandoned pure-bred Pug dog there (near death) and rescued him.
>Odd, but I checked with the tribal council, county sheriff, and the parks
>service and no one ever reported him missing. He's made a fine pet ever
>since, and I hope his owner wasn't one of the people who perished in the
>Antelope Canyon floods.
>

>Note: admission to Havasupai Canyon is by permission of the Havasupai
>Tribal Council only and requires a permit for overnight stays. Entrance to
>the canyon can only be made by a strenuous desert hike on foot, by horse
>(ass, donkey, mule, hinny), or helicopter. The reservation has a small
>lodge/hotel, campground, and a diner (with pretty good food).
>
>Give yourself 6 hours by foot to hike in or 12 minutes by helicopter. :)
>A buddy of mine who runs track for the University of Arizona hiked out in
>TWO HOURS with a full pack! One used to be able to raft down the Colorado
>and hike up Antelope Canyon to Havasupai, but I don't think the trail
>exists anymore...
>
>Again, this is a great place for your TH-D7's.
>
>73,
>
>Mark
>KC7BXS
>
>
>
>
>---
>
>END OF DIGEST
>
>---
>You are currently subscribed to htaprs as: kjohns@worldnet.att.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

186. [htaprs] Re: GPS receivers

From: Robert Winingham <kc5ejk@onramp.net>
Date: Thu, 19 Aug 1999 23:44:15 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-35204-1999.08.19-23.53.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I have a Magellan GPS4000 and it don't work with the TH-D7.   The TH-D7
>requires NMEA-0183 ($GPWPL) format (see the bottom right of page 64 in
>their manual). The magellan GPS-4000 outputs $GPBWC, $GPAPA, $GPGLL
>$GPVTG, $GPRMC, $GPRMB, $GPAPB, and $GPGGA.
>

$GPWPL is an input into the GPS from the D7A the others are outputs
FROM the GPS.

The $GPWPL sent by the D7a just plots the posit on the GPS map and adds to
the waypoint list.

it is an extra feature not a requirement. All else should work.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

187. [htaprs] Re: APRS Coverage

From: Robert Winingham <kc5ejk@onramp.net>
Date: Thu, 19 Aug 1999 23:54:19 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-35213-1999.08.20-00.04.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I can't even seem to hit digipeaters in
>some larger towns such as Flint and Saginaw. That is using the TH-D7A while

>mobile connected to a mag mount antenna.

1. What path are you using when out in the woods and not near a digi.
2. Is there any gain on the mag mount.
3. A quick SWR check

>Is 5.5 watts insufficient for suitable APRS coverage?

6.4 Watts per QST

You could try a better antenna or a low cost 30 Watt amp

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

188. [htaprs] Re: APRS Coverage

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 20 Aug 1999 09:05:24 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35234-1999.08.20-08.15.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you heard packets in the areas, then a least there is digi coverage.
5 watts to the rubber duck is actually about equivalent to less than 1
watt ERP. The digi is probably running 20 to 50 times more power.
Thus, you may need a portable Beam and certainly a full size Whip to get
back in. The THD7 rubber duck is dual band but optimized for UHF which is
the primary band in Japan. Getting a full size 2m whip for remote areas
is a must...

On Thu, 19 Aug 1999, David Robertson wrote:

> All the talk of using the TH-D7A for APRS in such exotic places as the Grand
> Canyon and remote Indian reservations makes me think I'm missing something
> here. I live in mid-Michigan and I can't even seem to hit digipeaters in
> some larger towns such as Flint and Saginaw. That is using the TH-D7A while
> mobile connected to a mag mount antenna. I went camping a couple weeks ago
> and looked forward to playing with APRS while at the state park campground
> at the tip of Michigan's lower peninsula. I was unable to hit any
> digipeaters while at the campground or while driving up I-75 through
> Michigan. In some places, I did receive APRS packets. Now I'm wondering if
> maybe I'm doing something wrong. Do you always get a "MY PACKET" message if
> your beacon is heard? Do I need to set something up differently in the
> radio?
>
> I am able to hit digipeaters in the Detroit area and have seen my location
> registered at the web site so I know I am doing something right. I really
> bought the TH-D7A because I am quite interested in APRS but now I'm getting
> frustrated. Is 5.5 watts insufficient for suitable APRS coverage?
>
> ---------------------------------------
> David Robertson
> KC8JZX@arrl.net
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
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189. [htaprs] Re: GPS receivers

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 20 Aug 1999 09:07:48 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35235-1999.08.20-08.17.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 19 Aug 1999, John V. Morton wrote:

> I have a Magellan GPS4000 and it don't work with the TH-D7. The TH-D7
> requires NMEA-0183 ($GPWPL) format (see the bottom right of page 64 in
> their manual). The magellan GPS-4000 outputs $GPBWC, $GPAPA, $GPGLL
> $GPVTG, $GPRMC, $GPRMB, $GPAPB, and $GPGGA.

Semantics here. The $GPWPL is used only by the THD7 to "output" posits
back to the GPS. If your GPS has no graphics display anyway, then this
sentence is not needed.

Just a clarification...
bob

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190. [htaprs] Palm Pilot with TH-D7A

From: "Norm Martin" <norm@hamsrus.com>
Date: Fri, 20 Aug 1999 8:42:38
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35236-1999.08.20-08.52.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am considering purchasing one of the Palm Pilots to use mobile with a
TH-D7A. If price was not a consideration, which model is recommended????
Needs to be reasonably easy to setup etc.
Thank you.

Norm K7OLD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

191. [htaprs] Re: Palm Pilot with TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Fri, 20 Aug 99 09:00:27 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35237-1999.08.20-09.10.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Norm Martin wrote:

>I am considering purchasing one of the Palm Pilots to use mobile with a
>TH-D7A. If price was not a consideration, which model is recommended????
>Needs to be reasonably easy to setup etc.
>Thank you.

If price isn't a consideration, I'd wait until the new Palm VII comes
out. Then you'll have wireless internet access as well!

Short of that model, I really like my Palm V. It's got half as much
memory as the Palm III but it is much slimmer, has an aluminum case and
has infrared beaming (I don't believe earlier models have this??).

I think the Palm VII will go somewhere around the order of $700 or so.
The Palm V can be had for less than $400.

I've had my Palm for about 3 weeks now and really like it.

73 es GL,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

192. [htaprs] Re: APRS Coverage

From: "Young, Mark J" <Mark.Young@PSS.Boeing.com>
Date: Fri, 20 Aug 1999 08:05:47 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35241-1999.08.20-10.19.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

good comment - I have had similar probplems and a small beam works well.

> ----------
> From: Bob Bruninga[SMTP:bruninga@nadn.navy.mil]
> Sent: Friday, August 20, 1999 6:05 AM
> To: TAPR HT APRS Special Interest Group
> Cc: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: APRS Coverage
>
> If you heard packets in the areas, then a least there is digi coverage.
> 5 watts to the rubber duck is actually about equivalent to less than 1
> watt ERP. The digi is probably running 20 to 50 times more power.
> Thus, you may need a portable Beam and certainly a full size Whip to get
> back in. The THD7 rubber duck is dual band but optimized for UHF which is
> the primary band in Japan. Getting a full size 2m whip for remote areas
> is a must...
>
> On Thu, 19 Aug 1999, David Robertson wrote:
>
> > All the talk of using the TH-D7A for APRS in such exotic places as the Grand
> > Canyon and remote Indian reservations makes me think I'm missing something
> > here. I live in mid-Michigan and I can't even seem to hit digipeaters in
> > some larger towns such as Flint and Saginaw. That is using the TH-D7A while
> > mobile connected to a mag mount antenna. I went camping a couple weeks ago
> > and looked forward to playing with APRS while at the state park campground
> > at the tip of Michigan's lower peninsula. I was unable to hit any
> > digipeaters while at the campground or while driving up I-75 through
> > Michigan. In some places, I did receive APRS packets. Now I'm wondering if
> > maybe I'm doing something wrong. Do you always get a "MY PACKET" message if
> > your beacon is heard? Do I need to set something up differently in the
> > radio?
> >
> > I am able to hit digipeaters in the Detroit area and have seen my location
> > registered at the web site so I know I am doing something right. I really
> > bought the TH-D7A because I am quite interested in APRS but now I'm getting
> > frustrated. Is 5.5 watts insufficient for suitable APRS coverage?
> >
> > ---------------------------------------
> > David Robertson
> > KC8JZX@arrl.net
> >
> >
> > ---
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> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
>
> APRSdos REPLY/COMMENT:
>
> Reply mail addr: wb4apr@amsat.org

> US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
> See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
> See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
> See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
>
>
> ---
> You are currently subscribed to htaprs as: Mark.j.young@boeing.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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193. [htaprs] Re: Palm Pilot with TH-D7A

From: Richard Parry <rparry@qualcomm.com>
Date: Fri, 20 Aug 1999 08:47:01 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35248-1999.08.20-10.58.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think it worthwhile to emphasize that the VII $700 is much more than the
V $400 since you are also getting a Cellular phone. So even if price
doesn't matter, you may not want that much Palm Pilot. However, since we
are manufacturers of the VII phone (Qualcomm), I would love you all to buy
them.

At 09:00 AM 8/20/99 -0500, Jon Ogden wrote:
>Norm Martin wrote:
>
> >I am considering purchasing one of the Palm Pilots to use mobile with a
> >TH-D7A. If price was not a consideration, which model is recommended????
> >Needs to be reasonably easy to setup etc.
> >Thank you.
>
>If price isn't a consideration, I'd wait until the new Palm VII comes
>out. Then you'll have wireless internet access as well!
>
>Short of that model, I really like my Palm V. It's got half as much
>memory as the Palm III but it is much slimmer, has an aluminum case and
>has infrared beaming (I don't believe earlier models have this??).
>
>I think the Palm VII will go somewhere around the order of $700 or so.
>The Palm V can be had for less than $400.
>
>I've had my Palm for about 3 weeks now and really like it.
>
>73 es GL,
>
>Jon
>KE9NA
>
>
>---
>The Second Amendment is NOT about duck hunting!
>
>
>Jon Ogden
>
>jono@enteract.com
>www.qsl.net/ke9na
>
>"A life lived in fear is a life half lived."
>
>
>---
>You are currently subscribed to htaprs as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

----
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

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194. [htaprs] RE: Palm Pilot with TH-D7A

From: "Keith Schlottman, CPA" <kr7rk@earthlink.net>
Date: Fri, 20 Aug 1999 09:12:46 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35249-1999.08.20-11.22.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use the Palm IIIx. It has twice the memory of the Palm V (4Mb v. 2Mb). I have not added much to it - pocketAPRS and a few maps, AccessIt! for TNC commands, and a couple other very small programs, and I've already used 2 Mb. So I'd be a little worried about limiting my memory to only 2 Mb.

The IIIx is slimmed down considerably from the earlier III. It does have infrared beaming capability and an internal expansion slot. I believe the V's appeal is primarily the sleek chrome look.

PocketAPRS has worked very well for me with the IIIx.

Keith Schlottman, CPA, KR7RK
E-Mail: kr7rk@earthlink.net
Web Page: http://www.earthlink.net/~kr7rk
My current APRS position: http://map.aprs.net/kr7rk-14

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

195. [htaprs] Re: Palm Pilot with TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Fri, 20 Aug 99 11:46:45 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35255-1999.08.20-11.56.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard Parry wrote:

>I think it worthwhile to emphasize that the VII $700 is much more than the
>V $400 since you are also getting a Cellular phone. So even if price
>doesn't matter, you may not want that much Palm Pilot. However, since we
>are manufacturers of the VII phone (Qualcomm), I would love you all to buy
>them.

Well, I sell for and own stock in another company who also has parts in the VII, so I would love everyone to buy them too!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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196. [htaprs] RE: Palm Pilot with TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Fri, 20 Aug 99 11:49:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35256-1999.08.20-11.59.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Keith Schlottman, CPA wrote:

>I've already used 2

>Mb. So I'd be a little worried about limiting my memory to only 2 Mb.
>
>The IIIx is slimmed down considerably from the earlier III. It does have
>infrared beaming capability and an internal expansion slot. I believe the
>V's appeal is primarily the sleek chrome look.

I wish the V was expandable. I must admit that I didn't fully look at
all the specs before I bought mine. I would like the extra memory. The
V is quite nice with the slim case and Lithium Ion batteries. I haven't
run out of memory in mine yet although I wonder how close I am to filling
it (I haven't yet figured out how to see memory usage).

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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197. [htaprs] THD7 Current drains

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 20 Aug 1999 13:50:33 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-35260-1999.08.20-13.00.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For what it is worth, I measured the following on my Kenwood:

```
1 rcvr standby         60 ma
1 rcvr open sql       +30 ma
Audio setting         +10 to +100 ma
2nd rcvr              +30 ma
TNC ON                +30 ma
Batt Saver on         -35 ma  but useless for packet
Xmit 5W every 2 min   + 7 ma  (average)

So:  Running both bands with audio turned up high        = 250 ma
     Minimal APRS with audio turned down and 30% packets = 100 ma
     Minimal monitoring (no TNC, no activity,& SAVE ON)  =  25 ma
```

So you can see a factor of 10 battery life based on usage.

Note that transmitting at 5w once every 2 minutes is insignificant.

de WB4APR, Bob

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198. [htaprs] Re: Palm Pilot with TH-D7A

From: Douglas Woodruff <w4law@mindspring.com>
Date: Fri, 20 Aug 1999 14:28:26 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35269-1999.08.20-13.36.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If I'm not mistaken the Qualcomm cellphone/PDA is NOT the Palm VII. The Palm
VII looks substantially similar to the Palm III. It does have an RF section

and supports web "clipping" for abreviated web content downloading but the VII
is not the same as the Qualcomm phone.

On another note, one subscriber described the IIIx as being "slimmed down" from
the original III. In fact, the III, IIIe, and IIIx all look identical on the
outside, use the same cradles, etc.

Doug

Richard Parry wrote:

> I think it worthwhile to emphasize that the VII $700 is much more than the
> V $400 since you are also getting a Cellular phone. So even if price
> doesn't matter, you may not want that much Palm Pilot. However, since we
> are manufacturers of the VII phone (Qualcomm), I would love you all to buy
> them.

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199. [htaprs] Re: Palm Pilot with TH-D7A

From: Clifford Uyeda <cuyeda@ix.netcom.com>
Date: Fri, 20 Aug 1999 14:11:35 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35280-1999.08.20-16.24.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I bought the Palm IIIx , 4 mb of memory. The Palm V features, rechargeable
lith. ion battery, 2 mb, new slim design. Is the display any better on the
Palm V than the IIIx? I am glad to have the 4 mb and can be expanded. I
don' t think the Palm V is expandable, I could be wrong.

I paid $243.95 + shipping for my Palm IIIx. Really! The price fluctuates
from $279.95 - $305.95 at www.buy.com.   Today the price is $289.95 for the
Palm IIIx, $347.95 for the Palm V.

Try the Lycos comparison shopping web page for good prices.
http://www.lycos.com/Shopping/Compare_Products/

At 08:47 AM 08/20/1999 -0700, Richard Parry wrote:
>I think it worthwhile to emphasize that the VII $700 is much more than the
>V $400 since you are also getting a Cellular phone. So even if price
>doesn't matter, you may not want that much Palm Pilot. However, since we
>are manufacturers of the VII phone (Qualcomm), I would love you all to buy
>them.
>
>
>At 09:00 AM 8/20/99 -0500, Jon Ogden wrote:
>>Norm Martin wrote:
>>
>> >I am considering purchasing one of the Palm Pilots to use mobile with a
>> >TH-D7A. If price was not a consideration, which model is recommended????
>> >Needs to be reasonably easy to setup etc.
>> >Thank you.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

200. [htaprs] Palm Pilot and APRS

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 20 Aug 1999 17:13:51 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35284-1999.08.20-17.23.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

might be of interest to PALM APRS / D7a users
---
8 MB Palm V

Francis A. Boisvert of MacTokyo writes about a killer 8MB
RAM upgrade for the Palm V:

One guy just tore apart my Palm V and put in an 8MB chip replacing the 2MB... Desoldered
the single 2MB chip and re-soldered a 8MB chip! He's experimenting with a 16MB chip

but can't figure out what to change on the board to make it recognize the 16MB.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

201. [htaprs] Re: Palm Pilot with TH-D7A

From: John Vause <jdv@iglou.com>
Date: Fri, 20 Aug 1999 23:27:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35332-1999.08.20-22.32.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Get a IIIx. I did. 4 MB ram (you can upgrade that to 8 MB ram,
2 MB of Flash RAM so you can upgrade the OS, improved screen
over the
screen on the III.
You won't be sorry.
Try www.accompany.com or www.buy.com for prices.

Norm Martin wrote:
>
> I am considering purchasing one of the Palm Pilots to use
mobile with a
> TH-D7A. If price was not a consideration, which model is
recommended????
> Needs to be reasonably easy to setup etc.
> Thank you.
>
> Norm K7OLD
>
--
* John Vause KF4ERV jdv@igloudot.com *
NOTE: email address altered for benefit of Spambots
--

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

202. [htaprs] RE: Palm Pilot with TH-D7A

From: jlagreek <jlagreek@inlink.com>
Date: Fri, 20 Aug 1999 22:58:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35334-1999.08.20-23.12.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Norm,

Go with a IIIx. The V is nice, but is pricey. I own a III and the IIIx has
a much better screen, lot more detail. The V has the same screen but is
about 1/2 as thick and has internal batteries. I bought the palm for APRS
and now I use it every day for work. It has totally replaced my "day timer"
and it's a lot easier to maintain and keep current.

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

I am considering purchasing one of the Palm Pilots to use mobile with a
TH-D7A. If price was not a consideration, which model is recommended????
Needs to be reasonably easy to setup etc.
Thank you.

Norm K7OLD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

203. [htaprs] Re: Palm Pilot with TH-D7A

From: "Art" <N2QGV@worldnet.att.net>
Date: Sat, 21 Aug 1999 09:56:51 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35373-1999.08.21-09.03.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here you go.....
Palm IIIx is less expensive, has more memory (4 vs. 2 meg.), has same functionality as the V, has improved screen over older III models (some claim the V has a better screen - jury still out & personal opinion all depends on which unit you own - Palm used two different manufacterers with same specs. for display), Palm IIIx has expansion port inside, has IR beaming capabality, uses 2 - AAA instantly replaceable batteries with up to a month of useage (all based on how much the device is used), all III family devices use the same case as well as the VII (the VII is not a cell phone, it uses RF to connect to palm.net and is not a full function ISP type of setup but very expensive to use).

Palm V is slick looking and somewhat smaller in profile, has Lithium Ion battery (needs AC and Palm cradle to charge), has no expansion slot, non-upgradeable memory without voiding warranty and costs about as much as a Palm IIIx to add memory, has no other Palm devices with same case profile.

Palm Memory - Someone has stated they are trying to put 16 megs of RAM in a Palm, well Palm OS only recognizes a max of 12 megs including ROM. All current methods of upgrading memory have resulted in 8 megs on Palm. Any memory upgrade other than those utilizing the built in Palm IIIx slot will void warranty. More memory causes device to run hotter, and burn power quicker.

My opinion (only) - APRS is a constant useage program, and power consumption will be severe; Palm serial ports are also powered by the Palm batteries, with this in mind the V would be sitting on the cradle charger every day, if you wanted to take APRS away from the AC outlet I feel you will be limited to a partial day or even hours of useage, where with the Palm IIIx you are limited by the number of AAA's you have on hand; the Palm V does not have enough memory to hold APRS and some of the hundreds of other programs you may take a liking to, carrying around the necessary cables along with the TH-D7A, Palm, charging cradle or batteries, and GPS is too much for me, I own a Palm IIIx and use it for business PIM stuff, I bought a Garmin GPS III+ to use with my TH-D7A and feel I have the ideal compromise.

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204. [htaprs] Re: TH-D7a antenna.

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 21 Aug 1999 09:50:24 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35385-1999.08.21-10.12.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Grant wrote:

>I have both the Pryme version of the 17" whip ... a big improvement of
>stock. I haven't been using the Pryme long enough to do a direct long
>term evaluation ...

I've been using the Pryme (formerly ANLI) AL-800 for years and am on my second one now. It's a real nice 144/440 antenna, getting me into the machines DFQ, where the stock "helical-wound dummy load"s would only break the repeater's squelch.

If I may make a reccomendation? Although the antenna nominally can use either the coil-loaded whip or the little helical duck, going back and forth between the two places great strain on the little screw that the element attaches to. At some point it will become disconnected from the base coil. This is why I'm on my second such antenna. If you want to use a small antenna, have a separate small antenna (it's at least as easy to detach the BNC as it is to unscrew elements) and epoxy the whip of the AL-800 to the base ... and maybe try a bit of heat-shrink to get

it to be a bit more rugged.   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

205. [htaprs] Re: Palm Pilot with TH-D7A

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 21 Aug 1999 10:09:23 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35386-1999.08.21-10.13.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

     I've seen a bit of confusion in discussions about the IIIx & IIIe.
The IIIx is a 4mb (expandable to 8) device with IR & a nicer display
than the III. The IIIe (e = economy?) is a 2mb unit without IR & has
the same display as the III.

     On the other hand, the V *is* available as an 8mb device ... but
only via an aftermarket manufacturer, which does surgery on stock ones.
This voids 3Com's warranty, but the aftermarket guys do offer (for extra
$) an extended warranty. Oh, I think they sell it for about six clams!
Expensive? Yes. Sexy? Also yes!

     The VII is currently only available in metropolitan areas that will
support the wireless connectivity ... and you've gotta pay for that ser-
vice. There was an article in, I think, Windows magazine about it re-
cently.   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

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206. [htaprs] Magellan GPS315 and THD7-A Do Work Together

From: tyeatman <tyeatman@aei.ca>
Date: Sat, 21 Aug 1999 11:10:52 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35387-1999.08.21-10.22.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all. For those inquiring on the compatibly between these two units. I
couldn't get them to work for over three weeks. The GPS worked fine on
my laptop talking to Tripmate. Started to wonder if the Kenwood was
really receiving from the GPS so I visited Gerry, VE2AW yesterday and my
radio worked fine with his Garmin. For some reason, maybe the plug
wasn't properly seated in the jack it now works. The cable from the 315
is wired as follows: Black goes to the exterior or collar, the yellow to
the tip and the orange to the middle. No connection on the red.
73'3 de VA2TPY Tim in Richelieu Qc. Ca.

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207. [htaprs] Re: APRS Coverage

From: "David Robertson" <drober05@tir.com>
Date: Sat, 21 Aug 1999 11:44:31 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35398-1999.08.21-11.10.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thank you everyone for the many responses I had. It sounds like the one
common suggestion from all was to try an amplifier to get more power output.
I currently have a decent 2 meter mobile antenna (don't know the specific
gain specs) that can hit all the voice repeaters (with the D7A) but
apparently digital communications may need a cleaner signal than voice.

So, I am now interested in getting a good amplifier for use with the D7A.
Any recommendations in this area?

One other thing that I am wondering about. For those of you who are using
the D7A while backpacking or hiking, how are you hitting digipeaters? I
can't imagine that you are carrying high-gain or directional antennas (are
you?). Are there "wilderness" areas that have digipeater coverage?

A couple people asked what path I am using. I'm using the default "RELAY,
WIDE". Speaking of the Packet Path, how do you clear out the setting? You
can't seem to enter spaces so how could you change it from "RELAY, WIDE" to,
say... , "WIDE"?

Dave Robertson
KC8JZX@arrl.net

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208. [htaprs] Re: [aprsplus] National Parks and Interstates

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 21 Aug 1999 14:01:26 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@tapr.org,
        aprsnews@tapr.org
Message-ID: <LYR845-35411-1999.08.21-13.11.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 19 Aug 1999, Gordon Fuller WB6OVH wrote:

> ... we also just returned from a 7,000 + mile trip... running a
> Mic-E to a 2-meter rig at 10 watts. We also maintain a homepage
> with a link to aprs.map so our friends were able to follow us....
> I had the Mic-E set to transmit at about every 10 mins.

Hummh... If a tree falls in the woods... will anyhone hear it?

This points out that *especially* in the wilderness beyond APRS
digipeaters, we should be running 1 minute packets. At a "meeting" speed
of over 2 miles a minute, 1 minute rate should guarantee a packet within
two miles of each mobile. At a 2 minute or greater, rate, the 4 miles
between mobiles may cause you to miss each other. After several years of
mobiling to Dayton and track histories to prove it, I am convinced that
mobile-to-mobile in East Coast terrain (no digipeaters) is useless beyond
5 miles and usually is only good at 2 miles or less...

So if you go out west, keep it going. Even with out digipeaters, APRS has
the advantage of letting two strangers in the night see each other when
passing...

WHile driving my 3000 miles along the interstates, and scenic byways and
through the Campgrounds, I often wondered how many hams were within
simplex range, but without APRS, had no way to know of the others
presence... APRS should be the "channel-19" of HAM radio...
(the good part, only :-)

Set it an forget it... until you run into someone...

de WB4APR, Bob

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209. [htaprs] TH-D7 / Street Pilot way points ?????

From: Phillip Clark <pbclark1@ibm.net>
Date: Sat, 21 Aug 1999 16:11:28 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35451-1999.08.21-18.22.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Can someone tell me if it is possible to get the Street Pilot to save the
> TH-D7 APRS calls as way points like the GIII + does. Is this possible on
> the Color Street Pilot?? I have not been able to get it to work on my
> original Street Pilot with the latest microcode. With the recent release
> of the microcode upgrade for the Street Pilot to use the Mapsource CD map
> data, this would make the perfect "Tracker" if it would store the way
> points automatically like the other Garmin GPS's.. If it does not do it
> now, does anyone think they can convince Garmin to support it in a future
> microcode release for the Street Pilots??

KD6SP

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210. [htaprs] Re: APRS Coverage WQ1O-3 ?????

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sat, 21 Aug 1999 19:55:45 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35453-1999.08.21-19.05.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got back from a week in Cape Cod and it took me three days to
vtach on to the fact that the digi in Woods Hole (WQ1O-3) apparently
supports WIDE but not RELAY. I had been unable to do more than
sporadically get my packets digied from a whole 1.7 miles from away in
Falmouth until I removed RELAY from the star of my path. The only reason
I had been getting through was that my posits were getting piucked up
occasionally by a station 15 miles East across Buzzards Bay and then
digipeated by WQ1O-3. Anyone from SE Mass know what gives here??? This
can be a problem. As Bob has said on many occasions APRS works on a given
set of supposedly common assumptions ... one of the foremost being that
EVERY digi should be responsive to RELAY ... or so I thought.

I think that anyone having trouble might want to try playing with his
PATH statement a bit to see if he has an odd nut in his realm.

On 8/20/99 1:10 AM, David Robertson (drober05@tir.com) passed this
wisdom:

>All the talk of using the TH-D7A for APRS in such exotic places as the Grand
>Canyon and remote Indian reservations makes me think I'm missing something
>here. I live in mid-Michigan and I can't even seem to hit digipeaters in
>some larger towns such as Flint and Saginaw. That is using the TH-D7A while
>mobile connected to a mag mount antenna. I went camping a couple weeks ago
>and looked forward to playing with APRS while at the state park campground
>at the tip of Michigan's lower peninsula. I was unable to hit any
>digipeaters while at the campground or while driving up I-75 through
>Michigan. In some places, I did receive APRS packets. Now I'm wondering if
>maybe I'm doing something wrong. Do you always get a "MY PACKET" message if
>your beacon is heard? Do I need to set something up differently in the
>radio?
>
>I am able to hit digipeaters in the Detroit area and have seen my location
>registered at the web site so I know I am doing something right. I really
>bought the TH-D7A because I am quite interested in APRS but now I'm getting
>frustrated. Is 5.5 watts insufficient for suitable APRS coverage?

Brian B. Riley --> http://members.macconnect.com/~brianbr
For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"The human race is divided into two sharply differentiated and
mutually antagonistic classes -- a small minority that plays with
ideas and is capable of taking them in, and a vast majority that
finds them painful, and is thus arrayed against them."
-- H.L. Mencken

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211. [htaprs] Re: APRS Coverage WQ1O-3 ?????

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 21 Aug 1999 22:24:49 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35488-1999.08.21-21.34.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 21 Aug 1999, Brian B. Riley wrote:

> I just got back from a week in Cape Cod and it took me three days to
> catch on to the fact that the digi in Woods Hole (WQ1O-3) apparently
> supports WIDE but not RELAY....
> APRS works on a given set of supposedly common assumptions ... one of
> the foremost being that EVERY digi should be responsive to RELAY ... or
> so I thought.

I agree. Its time to weed out those old digis. Of course I cannot be too
critical since mine is still only a R/W, but we should upgrade.

Maybe we should feedback non RELAY compliant digis back to Jeff for the
DIGIS.POS file so that they can be clearly displayed as non-compliant...?

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212. [htaprs] GPS EOW experience

From: "Harry Burford" <hburford@airmail.net>
Date: Sat, 21 Aug 1999 23:47:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35504-1999.08.21-23.57.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, that was pretty uneventful.

I have 2 GPS units here, both Garmin. A GPS 95XL and a GPS 90. Both older
units and both have aviation databases and maps.

Watched them roll over the end of week deal and nothing happened. They kept
tracking just like they should. Watched for about 10 minutes and nothing
unusual. Came back an hour later, and indeed the GPS units were in a
hopeless search for the sky. Left them for another hour with no progress.
Ran the program downloaded from the Garmin site that resets the clock. Both
GPS units searched the sky one satellite at a time starting with 01 and
found a signal with 03. They then downloaded the new almanac, reacquired
and synced. The GPS 90 was back online in only 27 minutes and the 95XL was
less. I suppose it has something to do with waiting for the start of the
almanac. After I got 3D tracking on the units, I cycled the power and they
were back to 3D tracking in less than 10 seconds. We will see what happens
over the course of the next couple of days to weeks. It sure looks like
everything is back to working just fine.

I suspect this is going to be a real headache for all those unattended units
out there that will need manual intervention. I noticed that pager
transmitter sites also include a GPS receiver in addition to the dish used
to receive the pager downlink.

hb

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213. [htaprs] Re: APRS Coverage WQ1O-3 ?????

From: Cap Pennell <cap@cruzio.com>
Date: Sat, 21 Aug 1999 23:23:37 -0700

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35516-1999.08.22-01.42.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:55 PM 8/21/1999 -0400, Brian B. Riley wrote:
<snip>
>I think that anyone having trouble might want to try playing with his
>PATH statement a bit to see if he has an odd nut in his realm.

Doesn't everybody? hi hi At least we have our share here in California, the Cereal State (the Land of Nuts and Flakes).
73, Cap KE6AFE
P.S. At last count, in the California and Nevada 144.39 network there were 35 WIDEn-n digis, a couple of which are "WIDEn-n/RELAY/CA only", i.e. they no longer digi packets addressed to WIDE ! There are also 7 TRACE digis, 1 WIDE-RELAY digi, 1 WIDE ONLY digi, 2 RELAY ONLY digis, 1 stealth digi, and 1 unknown type digi.
--
Cap Pennell
Santa Cruz, CA 95062-1002   3658.93N/12200.91W [CM86xx]
email: cap@cruzio.com   home page: http://members.cruzio.com/~cap
packet radio: KE6AFE @ki6eh.#wcca.ca.usa.noam

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214. [htaprs] Re: Palm Pilot with TH-D7A

From: Tony Drumm <TonyDrumm@ibm.net>
Date: Sun, 22 Aug 1999 08:39:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35524-1999.08.22-08.51.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There seems to be some confusion here about which Palm models have the infrared port. Every model since the original Palm III has IR beaming capability. That is, the III, IIIe, IIIx, V, and VII all have IR. If you want all the facts, go to the Palm products home page: http://www.palm.com/home.html. This links shows a nice table of features: http://www.palm.com/products/family.html.

Tony
AA0SM

Arte Booten wrote:
>
> Hi all,
>
>   I've seen a bit of confusion in discussions about the IIIx & IIIe.
> The IIIx is a 4mb (expandable to 8) device with IR & a nicer display
> than the III. The IIIe (e = economy?) is a 2mb unit without IR & has
> the same display as the III.
>

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215. [htaprs] Re: Palm Pilot with TH-D7A

From: "Chris Farmer" <caf7508@ksu.edu>
Date: Sun, 22 Aug 1999 11:14:2
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35555-1999.08.22-11.24.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone considered the use of a windows CE device instead of a PalmPilot? The unit I've been looking at is the Casio Cassiopeia E-11. 8mb of memory, compactflash expansion port, IR, nice screen... seems like a real contender. Is this just brand loyalty (never to be underestimated) or is there a some real difference I'm not seeing?

Second, regarding battery life, has anyone explored the possibility of making an external battery supply? One could be made to run the TH-D7a, GPS, and palm device all from one bigger battery. Connectors could be a pain but it might be worth it. Any thoughts?

Chris Farmer
Kansas State University

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216. [htaprs] What is latest version of TH-D7A

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 22 Aug 1999 11:29:47 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35575-1999.08.22-13.39.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am about to purchase a TH-D7A. Since there have been a few "fixes" and
firmware upgrades since the unit's introduction, I want to make sure I get
a current model. Is there a Firmware Version or Serial Number that I
should be watching for.

thanks in advance,

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

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217. [htaprs] Re: Palm Pilot with TH-D7A

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 22 Aug 1999 11:34:58 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35576-1999.08.22-13.44.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The recent TAPR PSR newsletter mentions that a Windows CE version of APRS
is underdevelopment. I can't help but think that the color would make it
better than the Palm Pilot version. However, there may be some advantage
to the Palm that I don't know.

At 11:14 AM 8/22/99 +0000, Chris Farmer wrote:
>Has anyone considered the use of a windows CE device instead of a
>PalmPilot? The unit I've been looking at is the Casio Cassiopeia E-11. 8mb
>of memory, compactflash expansion port, IR, nice screen... seems like a
>real contender. Is this just brand loyalty (never to be underestimated) or
>is there a some real difference I'm not seeing?
>
>Second, regarding battery life, has anyone explored the possibility of
>making an external battery supply? One could be made to run the TH-D7a,
>GPS, and palm device all from one bigger battery. Connectors could be a
>pain but it might be worth it. Any thoughts?
>
>Chris Farmer
>Kansas State University
>
>---
>You are currently subscribed to htaprs as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

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218. [htaprs] Re: Palm Pilot vs. WinCE for TH-D7

From: "Walter Dunckel" <wdunckel@best.com>
Date: Sun, 22 Aug 1999 20:29:38 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35592-1999.08.22-15.40.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not to knock Palms, (and Mike Musick's excellent program
http://webusers.anet-stl.com/~mcmusick/) but I would think the keyboard,
and display would be the big benefit of a handheld PC. I believe the
displays on the CE devices are much better than the displays on the Palms.
Anyone know the stats for the Palm displays? (3Com seems too embarrased to
show these on their websites) My CE 2.0 device is a HPC, which means it is
about twice the size of a palm pilot, has a keyboard, and a touchscreen of

640x240. This is at least twice the size of the Palm, and includes 16 shades
of grey, and 12 megs of memory. (I'm not sure if the Palm offers this many
shades of grey, and with the memory restriction, this would lead to less
detailed maps).

There are CE devices that are about the same size as a Palm, have 240x320
color displays, and 8meg. These include an IR port, and comm port (but of
course no keyboard). One such device is the HP Jornada 420. It sells for
$399.
http://www.hp.com/jornada/products/420/overview.html

Only problem is waiting for WinCE APRS.....

In the meantime, I am in the very early stages of writing a program for
WinCe HPC's that allows you to read and write messages to the TH-D7 while it
is in APRS mode, as well as controling the settings of the TH-D7.
See: http://www.radiohound.com/d7zpinfo.htm

Walter

From: Richard Parry

>The recent TAPR PSR newsletter mentions that a Windows CE version of APRS
>is underdevelopment. I can't help but think that the color would make it
>better than the Palm Pilot version. However, there may be some advantage
>to the Palm that I don't know.
>
Chris Farmer wrote:
>>Has anyone considered the use of a windows CE device instead of a
>>PalmPilot?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

219. [htaprs] Re: APRS Coverage

From: John W Wilson <z004391b@bc.seflin.org>
Date: Sun, 22 Aug 1999 20:00:24 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35621-1999.08.22-19.10.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Robert, I just ordered a TH-D7A and expect to use is with a 30W amp
when I am on the road. I wouldn't expect to have good coverage without it.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Thu, 19 Aug 1999, David Robertson wrote:

> All the talk of using the TH-D7A for APRS in such exotic places as the Grand
> Canyon and remote Indian reservations makes me think I'm missing something
> here. I live in mid-Michigan and I can't even seem to hit digipeaters in
> some larger towns such as Flint and Saginaw. That is using the TH-D7A while
> mobile connected to a mag mount antenna. I went camping a couple weeks ago
> and looked forward to playing with APRS while at the state park campground
> at the tip of Michigan's lower peninsula. I was unable to hit any
> digipeaters while at the campground or while driving up I-75 through
> Michigan. In some places, I did receive APRS packets. Now I'm wondering if
> maybe I'm doing something wrong. Do you always get a "MY PACKET" message if
> your beacon is heard? Do I need to set something up differently in the
> radio?
>
> I am able to hit digipeaters in the Detroit area and have seen my location
> registered at the web site so I know I am doing something right. I really
> bought the TH-D7A because I am quite interested in APRS but now I'm getting
> frustrated. Is 5.5 watts insufficient for suitable APRS coverage?
>
> ---------------------------------------
> David Robertson
> KC8JZX@arrl.net
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org

> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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220. [htaprs] Re: Palm Pilot vs. WinCE for TH-D7

From: Jon Ogden <jono@enteract.com>
Date: Sun, 22 Aug 1999 20:26:30 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35643-1999.08.22-20.36.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>However, there may be some advantage
>>to the Palm that I don't know.

The biggest adavantage is that it doesn't run an operating system made by
Microsoft.

There is a reason why the OS is named WINCE!

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

221. [htaprs] Re: GPS EOW experience

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sun, 22 Aug 1999 21:30:37 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35651-1999.08.22-21.40.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I too experienced the same situation as Harry after the W1K rollover on a
Garmin GPS45XL loaded with v3.04 firmware. The W1K (week 1024) issue
beat Y2K to the punch.

My GPS45XL was in that hopeless search for the sky to acquire data, but
would not seem to do it's thing. A quick visit to www.garmin.com provided
all the details required to correct the issue. I chose to download the EOW
software and loaded it on my PC with the GPS connected. When I took it
outside, it took longer than normal to acquire a position reading, but it
was
fine after that.

Hope everybody finds the fix as easy as I did.

73's,

Tim - N8DEU
Huntsville, Alabama

-----Original Message-----
From: Harry Burford <hburford@airmail.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Saturday, August 21, 1999 11:48 PM
Subject: [htaprs] GPS EOW experience

>Well, that was pretty uneventful.
>
>I have 2 GPS units here, both Garmin. A GPS 95XL and a GPS 90. Both older
>units and both have aviation databases and maps.
>
>Watched them roll over the end of week deal and nothing happened. They
kept
>tracking just like they should. Watched for about 10 minutes and nothing
>unusual. Came back an hour later, and indeed the GPS units were in a
>hopeless search for the sky. Left them for another hour with no progress.
>Ran the program downloaded from the Garmin site that resets the clock.
Both
>GPS units searched the sky one satellite at a time starting with 01 and
>found a signal with 03. They then downloaded the new almanac, reacquired
>and synced. The GPS 90 was back online in only 27 minutes and the 95XL was
>less. I suppose it has something to do with waiting for the start of the
>almanac. After I got 3D tracking on the units, I cycled the power and they
>were back to 3D tracking in less than 10 seconds. We will see what happens
>over the course of the next couple of days to weeks. It sure looks like
>everything is back to working just fine.
>
>I suspect this is going to be a real headache for all those unattended
units
>out there that will need manual intervention. I noticed that pager
>transmitter sites also include a GPS receiver in addition to the dish used
>to receive the pager downlink.
>
>hb
>
>
>
>
>
>---
>You are currently subscribed to htaprs as: tim_cunningham@mindspring.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

222. [htaprs] Re: APRS Coverage

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 22 Aug 1999 19:49:21 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35653-1999.08.22-21.59.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The difference between 5 watts and 30 watts is just a little more than one
S unit, so I wouldn't expect too much of a difference. Good luck.

At 08:00 PM 8/22/99 -0400, John W Wilson wrote:
>Hi Robert, I just ordered a TH-D7A and expect to use is with a 30W amp
>when I am on the road. I wouldn't expect to have good coverage without it.
>
>
>John W. Wilson, KN4HX
>z004391b@bcfreenet.seflin.lib.fl.us
>
>
>On Thu, 19 Aug 1999, David Robertson wrote:
>
> > All the talk of using the TH-D7A for APRS in such exotic places as the
> Grand
> > Canyon and remote Indian reservations makes me think I'm missing something
> > here. I live in mid-Michigan and I can't even seem to hit digipeaters in
> > some larger towns such as Flint and Saginaw. That is using the TH-D7A
> while
> > mobile connected to a mag mount antenna. I went camping a couple weeks ago
> > and looked forward to playing with APRS while at the state park campground
> > at the tip of Michigan's lower peninsula. I was unable to hit any
> > digipeaters while at the campground or while driving up I-75 through
> > Michigan. In some places, I did receive APRS packets. Now I'm
> wondering if
> > maybe I'm doing something wrong. Do you always get a "MY PACKET"
> message if

> > your beacon is heard? Do I need to set something up differently in the
> > radio?
> >
> > I am able to hit digipeaters in the Detroit area and have seen my location
> > registered at the web site so I know I am doing something right. I really
> > bought the TH-D7A because I am quite interested in APRS but now I'm getting
> > frustrated. Is 5.5 watts insufficient for suitable APRS coverage?
> >
> > ---------------------------------------
> > David Robertson
> > KC8JZX@arrl.net
> >
> >
> > ---
> > You are currently subscribed to htaprs as: kn4hx@amsat.org
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
>---
>You are currently subscribed to htaprs as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

----
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

223. [htaprs] Re: APRS Coverage

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Mon, 23 Aug 1999 10:11:07 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35686-1999.08.23-03.23.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Oorspronkelijk bericht-----
> Van: Richard Parry [SMTP:rparry@qualcomm.com]
> Verzonden: maandag 23 augustus 1999 4:49
> Aan: TAPR HT APRS Special Interest Group
> CC: TAPR HT APRS Special Interest Group
> Onderwerp: [htaprs] Re: APRS Coverage
>
> The difference between 5 watts and 30 watts is just a little more than one
>
> S unit, so I wouldn't expect too much of a difference. Good luck.
>
> At 08:00 PM 8/22/99 -0400, John W Wilson wrote:
> >Hi Robert, I just ordered a TH-D7A and expect to use is with a 30W amp
> >when I am on the road. I wouldn't expect to have good coverage without
> it.
> >
> >
        [PE1RDW]
        HI,

        Thats just what people told me when i started using 250W where i
used 50W before
        But I made contacts with it that where inposible without it
        over 300 km in fm without conditions where the other station with
just 50w could here me 52 but was not able to talk back and breaking trough
the european qrm to make contact with mir (i know that just 5W is enough to
get there)

        so you see that 1 s unit can make a big difference.

        73 de Andre PE1RDW
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

224. [htaprs] RE: GPS EOW experience

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Mon, 23 Aug 1999 12:36:14 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-35690-1999.08.23-05.48.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Oorspronkelijk bericht-----
> Van: Harry Burford [SMTP:hburford@airmail.net]
> Verzonden: zondag 22 augustus 1999 6:48
> Aan: TAPR HT APRS Special Interest Group
> Onderwerp: [htaprs] GPS EOW experience
>
> Well, that was pretty uneventful.
>
> I have 2 GPS units here, both Garmin. A GPS 95XL and a GPS 90. Both
> older
> units and both have aviation databases and maps.
>
> Watched them roll over the end of week deal and nothing happened. They
> kept
> tracking just like they should. Watched for about 10 minutes and nothing
> unusual. Came back an hour later, and indeed the GPS units were in a
> hopeless search for the sky. Left them for another hour with no progress.
> Ran the program downloaded from the Garmin site that resets the clock.
> Both
> GPS units searched the sky one satellite at a time starting with 01 and
> found a signal with 03. They then downloaded the new almanac, reacquired
> and synced. The GPS 90 was back online in only 27 minutes and the 95XL
> was
> less. I suppose it has something to do with waiting for the start of the
> almanac. After I got 3D tracking on the units, I cycled the power and
> they
> were back to 3D tracking in less than 10 seconds. We will see what
> happens
> over the course of the next couple of days to weeks. It sure looks like
> everything is back to working just fine.
>
> I suspect this is going to be a real headache for all those unattended
> units
> out there that will need manual intervention. I noticed that pager
> transmitter sites also include a GPS receiver in addition to the dish used
> to receive the pager downlink.
>
> hb
>

[PE1RDW]

My gues is that the gps kept on tracking till it lost signal of all the sattelits that where in the air during the EOW
It then went looking for sattelits in the wrong spot and kept on looking and......

Thank goodnis i went for a new gps 12 and didn't buy a used gps45 or the like

73 de Andre PE1RDW

>

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225. [htaprs] Fw: Virus alert from Proland Software - Win32.Kriz

From: "Peter Black" <zr5dwc@iafrica.com>
Date: Mon, 23 Aug 1999 18:31:52 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35735-1999.08.23-11.44.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: <srivatsa@pspl.com>
To: <zr5dwc@iafrica.com>
Sent: Monday, August 23, 1999 9:52 AM
Subject: Virus alert from Proland Software - Win32.Kriz

> This mail comes to you from the Virus Emergency Response Team
> at Proland Software.
>
> Win32.Kriz :
>
> The Kriz virus infects 32 bit Windows Executable PE EXE files

> under Windows 95, Windows 98 and Windows NT.
>
> The virus carries a payload which triggers on December 25th. On
> triggering it may damage the contents of the BIOS flash memory
> chip, just like the Win32.CIH virus.
>
> You will find more information on this virus at
>
> http://www.pspl.com/virus_info/win32/kriz.htm
>
> Protector Plus has been updated to detect this virus.
>
> If you should have any questions or face any virus related
> problems, please write to support@pspl.com We are always happy
> to be of help.
>
> Sincerely,
>
> The Virus Emergency Response Team
> Proland Software.
> http://www.pspl.com
>

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226. [htaprs] Mountain Usage

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Mon, 23 Aug 1999 10:30:31 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Buddy KD7EYZ Day" <bcday@telisphere.com>,
"Mel & Rita Armstrong KC7CYO & KC7DAC" <Mel@hctc.com>
Message-ID: <LYR845-35748-1999.08.23-12.40.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just returned from a trip to Snow Lake in the Olympic Mtns. Lake was still 75% frozen and we had to sleep on top of snow, but we did eat fish for dinner. Was a great weekend.

I used my TH-D7A with my Garmin III+ and they worked great on this trip. Some of my observations are:

1. I received and answered messages from/with: N7GME, K7FZO, N7JGX and K7IP. I also sent 2 email messages to the wives of my two companions.

2. On the messages, please limit the number of messages to one or two. Responding is a pain on the TH-D7A. It takes time to make entries. Yes, I do enjoy receiving messages, so, don't hesitate sending one. If I am busy, I just won't take the time to answer them at that time.

3. If you are on your computer, check your message screen and please do not send your message until there is no other traffic. It is difficult to send a message while receiving one or two others at the same time. It takes time to enter a reply.

4. Initially, I used the stock rubber duck. I could receive fine, but did not get MY PACKET replies, i.e., I was not making it out.

5. Changed to a 19" whip antenna and was able to get out and exchange messages but did not receive ACK from all messages sent, neither did some of the other stations. So, just because you did not get an ACK, don't assume the person did not get your message. It is the nature of the beast. Of course I feel better when I see the ACK, otherwise I will resend that message several more times to make sure it gets out.

6. Changed to my ANLI 800 antenna and it worked much better. I now got ACK from all stations, except one of the two EMAIL messages that I sent. Both of the email messages did make it and the wives were impressed. One of them was so exited that she sent a reply, but of course that is not possible. At least not yet. Would be a neat addition.

7. Some individuals sent messages that they saw my runner on their screen but not my call sign. I do not understand that part. Later they did send another message that the call sign now also made it.

8. I used the GPS to write my POS into the radio, then, turned off the GPS and reconfigured the radio to GPS NOT USED, since I was in camp at a fixed

location. That way you don't need to run the GPS all the time.

So all in all, the TH-D7A is a really neat toy to have with you in the
mountains. The more I use it, to more I learn how to use it, and, the more
impressed I get with it.

If you make any observations while using your TH-D7A, please share them with
the rest of us so that we can all learn from them.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

227. [htaprs] Bicycle mobile

From: Norman Huber <nihuber@ice.net>
Date: Mon, 23 Aug 1999 13:51:59 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35768-1999.08.23-14.02.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the rear seat post rack on my Giant 980-C road bike to hold the
5/8 whip
which I am replacing with a dual band Comet 1/2 wave and 2x1/2 wave
antenna. I
want to use both bands on my radio.
The people who do RAGBRI communications use 1/2 wave Larsons to minimize
the
effect of a lack of ground plane.
I have a D7A and GPS III+ mounted on top of a tri-bar . I am also using
an over
the ear ear bud with miniature boom mike with the PTT clipped to a
velcro cable
tie around the handle bar close in to the tri-bar mount. I have the old
style
tri-bar with the parallel bars. I used one of those "chest packs" they
sell for
holding an HT when you are tired of busting belt clips off of your
batteries
tied to the top of the tri-bar. I slip a video camera gel cell into the
pocket
on the chest pack and am good to go. Lets me see my radio to change
frequency,
review the posits, and carry on a conversation although there has been a
bit of
heavy breathing noted as I am no longer in racing shape. By the way I'm
down in
Bloomington IL and the posits Saturday and Sunday were my motorcycle,
not my
bike. I haven't been able to average 59 mph yet.

--
Norm - N9ZKS
Bicyclist, Motorcyclist, Ham , Scouter
Year2000 Compliant

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228. [htaprs] Re: Mountain Usage

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 23 Aug 1999 17:23:59 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "nwaprssig@nwaprs. org" <nwaprssig@nwaprs.org>,
        TH-D7Asig <htaprs@lists.tapr.org>,
        Buddy KD7EYZ Day <bcday@telisphere.com>,
        Mel & Rita Armstrong KC7CYO & KC7DAC <Mel@hctc.com>
Message-ID: <LYR845-35797-1999.08.23-16.33.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 23 Aug 1999, Herb Gerhardt, KB7UVC wrote:

> 2.   On the messages, please limit the number of messages to one or two.
> Responding is a pain on the TH-D7A. It takes time to make entries.

Remember you can Copy any prior message and send to a new call. Just call
up the old message, and hit MSG button. Then edit the new call. and hit
OK. I always keep at least two standard messages in memory:

      Rgr. TNX 4 msg. Im on HT so cant say much.

      Having a great time. etc...

and so forth...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

229. [htaprs] TH-D7A APRS Messages

From: "Kevin Numbers, KC8MTV" <kc8mtv@arrl.net>
Date: Mon, 23 Aug 1999 23:49:28 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35864-1999.08.23-22.54.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How do you delete the messages in the Message section, the stuff that I have
already sent & received?

73's
Kevin Numbers, KC8MTV
E-Mail: kc8mtv@arrl.net
Web Page: http://www.greenapple.com/~knumbers
My APRS Location: http://maps.aprs.net/kc8mtv-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

230. [htaprs] internet messages

From: "stephen m. ventura" <sventura@thegrid.net>
Date: Mon, 23 Aug 1999 20:52:47 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35868-1999.08.23-23.06.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Colleagues,
Can anyone explain to me how to use the TH-D7A to send APRS packets through
internet gateways without the use of a PC? I'm familiar with sending
messages using the TH-D7A, but have never sent internet messages with it.

Thanks in advance,
steve
ke6gah

Stephen M. Ventura, Principal
Creston and Carrisa Plains Elementary Schools
Creston Elementary School
805.238.4771 FAX: 805.238.4185
Carrisa Plains School
805.475.2244 FAX: 805.475.2046
Mobile Phone: 805.550.9735
sventura@ahs.atas.k12.ca.us
sventura@thegrid.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

231. [htaprs] Re: TH-D7A APRS Messages

From: Valentino Sarro <sarrov@home.com>
Date: Mon, 23 Aug 1999 21:56:56 -0600

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35869-1999.08.23-23.07.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If memory serves me correctly.... you cannot delete messages...they get removed
as a new message fills the buffer (unless you reset the CPU I suppose)...

Tino, VE6SZR
Calgary, Alberta

"Kevin Numbers, KC8MTV" wrote:

> How do you delete the messages in the Message section, the stuff that I have
> already sent & received?
>
> 73's
> Kevin Numbers, KC8MTV
> E-Mail: kc8mtv@arrl.net
> Web Page: http://www.greenapple.com/~knumbers
> My APRS Location: http://maps.aprs.net/kc8mtv-7
>
> ---
> You are currently subscribed to htaprs as: sarrov@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

232. [htaprs] Re: Palm Pilot with TH-D7A

From: jlagreek <jlagreek@inlink.com>
Date: Mon, 23 Aug 1999 23:25:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35878-1999.08.23-23.35.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

73 de N0OTM
Chris wrote:
Has anyone considered the use of a windows CE device instead of a
PalmPilot?

Chris, aside from the Microsoft bashing the palm outsells all the CE
devices about 5 to 1. Last estimate is that there are over 4 million palms
in use. The palm has a large percentage of the market. They all run the
same software and the developer support is very good. Developer support for
CE is poor at its best. There are minor differences between platforms and
coding for all the different platforms can be a hassle. There are thousands
of freeware, shareware and commercial software programs available for the
palm. Color palms are rumored to be on the horizon. The palm OS is stable
and will be around for a long time. CE? Version 1 of CE came and went,
programs written for Ver 1 may or may not work on ver 2. Lets just say that
the palm is a maturing OS, WinCE is the new kid on the block, and it will
stay around as long as it is making money for Microsoft.

Joe LaGreek
District Emergency Coordinator
Missouri Section

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

233. [htaprs] TH-D7A and APRS

From: Thomas Nowicki <tnowicki@qtm.net>
Date: Tue, 24 Aug 1999 01:50:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35907-1999.08.24-01.59.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have what is hopefully an easy question. I have my D7A hooked up to my
Garmin III+, and they are both happy and track fine. But when I hook up
the laptop to run APRS, I cannot get APRS to track with the GPS. Is

there something I'm not setting right? I am seeing the GPSTEXT at the
bottom of the screen, but it does not update my position while I am
mobile. Thanks in advance!

Tom
KF9JW

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

234. [htaprs] most efficient 3 terminal 5VDC regulator?

From: AC6JA@aol.com
Date: Tue, 24 Aug 1999 03:09:47 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35909-1999.08.24-02.19.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

am looking for the most efficient, low dropout, 3 terminal 5VDC regulator. i
am looking to power the garmin GPS-20 card which draws about 150ma. i think
something like the LM2930, LM2937, or LM2574 would work. presently am using
a 7805 and that device sure generates a lot of wasteful heat.
any help and advice would be greatly appreciated.
thanks!

mike ac6ja

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

235. [htaprs] Re: most efficient 3 terminal 5VDC regulator?

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 24 Aug 1999 02:51:05 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-35911-1999.08.24-03.00.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>am looking for the most efficient, low dropout, 3 terminal 5VDC regulator. i
>am looking to power the garmin GPS-20 card which draws about 150ma. i think
>something like the LM2930, LM2937, or LM2574 would work. presently am using
>a 7805 and that device sure generates a lot of wasteful heat.
>any help and advice would be greatly appreciated.
>thanks!
>
>mike ac6ja

how about a PN   78ST105HC 5 volt 1.5 amp from digi-key

TAPR used this in several GPS projects.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

236. [htaprs] Re: Palm Pilot with TH-D7A

From: John Blowsky <kb2scs@worldnet.att.net>
Date: Mon, 23 Aug 1999 09:48:39 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-35934-1999.08.24-08.09.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Chris
         One nice feature of the thd7a is the fact that by using an
empty aa battery pack all the external battery power goes to the
radio instead of charging the nicad pack.

NOTE the battery pack has to be empty or your external power will cause

the aa batteries to EXPLODE or at least LEAK all over the place.

NOTE do not take this idea and install rechargeable batteries in the
aa pack. The aa packs do not have any electronics to monitor the
charging
of the batteries. So the same results may happen. Explosion or
at the least leaking batteries.

I have powered my thd7 using this empty battery pack method at least
3 to 4 times with no ill effects. NOTE your mileage may very.

Chris Farmer wrote:
>
> Has anyone considered the use of a windows CE device instead of a
> PalmPilot? The unit I've been looking at is the Casio Cassiopeia E-11. 8mb
> of memory, compactflash expansion port, IR, nice screen... seems like a
> real contender. Is this just brand loyalty (never to be underestimated) or
> is there a some real difference I'm not seeing?
>
> Second, regarding battery life, has anyone explored the possibility of
> making an external battery supply? One could be made to run the TH-D7a,
> GPS, and palm device all from one bigger battery. Connectors could be a
> pain but it might be worth it. Any thoughts?
>
> Chris Farmer
> Kansas State University
>
> ---

--

Let us hope we never witness the "Silence Of The Hams"
73 DE John KB2SCS
   AmprNet: kb2scs@kb2scs.ampr.org [44.68.17.128]
   Mail To: kb2scs@kb2scs.ampr.org [44.68.17.128]
   E-Mail: kb2scs@arrl.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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237. [htaprs] Re: most efficient 3 terminal 5VDC regulator?

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Tue, 24 Aug 1999 08:59:09 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-35952-1999.08.24-09.09.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >am looking for the most efficient, low dropout, 3 terminal 5VDC
regulator. i
> >am looking to power the garmin GPS-20 card which draws about 150ma. i
think
> >something like the LM2930, LM2937, or LM2574 would work. presently am
using
> >a 7805 and that device sure generates a lot of wasteful heat.
> >any help and advice would be greatly appreciated.
> >thanks!

On a given input voltage, any linear reg will be just as wasteful as any
other.
Ya canna' change the lars o' Physics.

Power technology makes some switchers that drop into the 78xx pinout, very
efficient, rather pricey, in the digi-key catalog, or you can roll your own.
The NS Simple switchers are ok, but not stellar. You pay a lot for that
"simplicity".

Linear tech has some nice parts.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

238. [htaprs] Re: TH-D7A and APRS

From: Jon Ogden <jono@enteract.com>
Date: Tue, 24 Aug 99 09:07:34 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35953-1999.08.24-09.17.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thomas Nowicki wrote:

>I have what is hopefully an easy question. I have my D7A hooked up to my
>Garmin III+, and they are both happy and track fine. But when I hook up
>the laptop to run APRS, I cannot get APRS to track with the GPS. Is
>there something I'm not setting right? I am seeing the GPSTEXT at the
>bottom of the screen, but it does not update my position while I am
>mobile. Thanks in advance!

Are you pressing the TNC button a second time to put the HT into "Packet"
mode?

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

239. [htaprs] Re: TH-D7A and APRS

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Tue, 24 Aug 1999 16:10:08 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35956-1999.08.24-09.23.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Oorspronkelijk bericht-----
> Van: Jon Ogden [SMTP:jono@enteract.com]
> Verzonden: dinsdag 24 augustus 1999 16:08
> Aan: TAPR HT APRS Special Interest Group
> Onderwerp: [htaprs] Re: TH-D7A and APRS
>
> Thomas Nowicki wrote:
>
> >I have what is hopefully an easy question. I have my D7A hooked up to my
> >Garmin III+, and they are both happy and track fine. But when I hook up
> >the laptop to run APRS, I cannot get APRS to track with the GPS. Is
> >there something I'm not setting right? I am seeing the GPSTEXT at the
> >bottom of the screen, but it does not update my position while I am
> >mobile. Thanks in advance!
>
> Are you pressing the TNC button a second time to put the HT into "Packet"
> mode?
>
> 73,
>
> Jon
> KE9NA
>
How about selecting gps on the tnc port

73 de Andre PE1RDW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

240. [htaprs] RE: internet messages

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Tue, 24 Aug 1999 08:40:51 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35976-1999.08.24-10.50.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You do it the same way as you send a normal message, but instead of the call sign that you want to send the message to, you enter: EMAIL

Then when you go to the message line, you enter the email address, then a space, then the message.

When you transmit it goes into the APRS network and if the message hits an I-Gate, it will be routed onto the internet. It goes to one of two stations on the East Coast where it gets resent as an email message. You will get a reply message from that station that your message was delivered to the internet. Neat feature. Now if we could only receive messages from the internet!

This procedure is the same process as you use in WinAPRS to send a message to an email address. They are only short one liners but sure are neat. We use it to send messages to non ham wives to tell them we are OK or to tell a ham that we want to meet them at a certain time on a certain repeater.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of stephen m.
> ventura
> Sent: Monday, August 23, 1999 8:53 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] internet messages
>
>
> Colleagues,
> Can anyone explain to me how to use the TH-D7A to send APRS
> packets through
> internet gateways without the use of a PC? I'm familiar with sending
> messages using the TH-D7A, but have never sent internet messages with it.
>
> Thanks in advance,
> steve
> ke6gah
> ----------
> Stephen M. Ventura, Principal
> Creston and Carrisa Plains Elementary Schools
> Creston Elementary School
> 805.238.4771 FAX: 805.238.4185
> Carrisa Plains School
> 805.475.2244 FAX: 805.475.2046
> Mobile Phone: 805.550.9735
> sventura@ahs.atas.k12.ca.us
> sventura@thegrid.net
>
>
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

241. [htaprs] Re: TH-D7A APRS Messages

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Tue, 24 Aug 1999 10:48:08 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35980-1999.08.24-10.58.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You can delete message on the TH-D7A. In fact I discovered this at the Huntsville Hamfest this past weekend. While I was manning the AMSAT booth, Ron, AB5WF, from Jackson, Mississippi, walked by with some questions on his TH-D7A. I guess he though I was an expert since I gave the APRS Forum at the show. Incidentally, the APRS Forum packed the room which is a good indication that APRS interest is very good. In fact, the dealers sold out of their TH-D7A units after the meeting. :)

Anyhow, we changed his ICON on his TH-D7A. When I decoded it on my TH-D7A, I went to the messages display and seen that the ICON was not updated to the latest one that was transmitted after making the change on his HT. So, I thought to myself if I could only delete the entry and have him
send another beacon.

It is quite simple to delete a message in the message list. Simple press the MSG button, scroll to the entry you want to delete, then press the DEL key (it is the one with A/B label that serves a tri-purpose BAND, A/B, DEL), when the "Delete?" prompt is displayed press the OK button on the HT's joystick. This will delete the selected entry. If you press any other key than OK, the entry will remain (I did not test all the other keys but it seemed
to work in this manner).

When Ron sent a new beacon, the proper ICON was displayed in the message list. Since my old HT has yet to be upgraded with the new firmware the ICON's may be updated without having to delete the message entry. I will find out in a few weeks.

I hope this helps anyone who wants to delete messages on their HT. The DEL key also works for other message editing purposes.

On a positive note I learned that a group of folks down in Jackson, Mississippi
are working to put up an APRS digipeater. This is good news, since I will not be able to digipeat an APRS packet though MIR from that part of the world when they turn off their digipeater from space in the next few days.

If you have not digipeated an APRS packet via R0MIR on 145.985, you only have a few days left if they are still on the air.

73's,

Tim - N8DEU

-----Original Message-----
From: Valentino Sarro <sarrov@home.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Monday, August 23, 1999 11:00 PM
Subject: [htaprs] Re: TH-D7A APRS Messages

>If memory serves me correctly.... you cannot delete messages...they get removed
>as a new message fills the buffer (unless you reset the CPU I suppose)...
>
>Tino, VE6SZR
>Calgary, Alberta
>
>
>"Kevin Numbers, KC8MTV" wrote:
>
>> How do you delete the messages in the Message section, the stuff that I have
>> already sent & received?
>>
>> 73's
>> Kevin Numbers, KC8MTV
>> E-Mail: kc8mtv@arrl.net
>> Web Page: http://www.greenapple.com/~knumbers
>> My APRS Location: http://maps.aprs.net/kc8mtv-7
>>
>> ---
>> You are currently subscribed to htaprs as: sarrov@home.com

>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>---
>You are currently subscribed to htaprs as: tim_cunningham@mindspring.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

242. [htaprs] most efficient 3 terminal 5VDC regulator?

From: Andy Fu <andyfu@espmail.com>
Date: Tue, Aug 24 1999 21:53:46 GMT-0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35991-1999.08.24-12.01.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Mike,

If you are going to use this in your car with 13volts input, the low dropout regulator is not going to help much. 150ma x (13-5) = 1.2Watts is approximately the power you will waste to convert from 13 to 5 volts. If money is no object, a switching power module will be the most efficient to go.

Another idea: Put a light bulb between your 13 volts and the input of your regulator, in another words, why throw away 1.2watts, make use of it and let there be light! ;)

-Andy-
AC6GN
>
>From: AC6JA@aol.com
>Date: Tue, 24 Aug 1999 03:09:47 -0700
>To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
>Subject: [htaprs] most efficient 3 terminal 5VDC regulator?
>
>am looking for the most efficient, low dropout, 3 terminal 5VDC regulator. i
>am looking to power the garmin GPS-20 card which draws about 150ma. i think
>something like the LM2930, LM2937, or LM2574 would work. presently am using
>a 7805 and that device sure generates a lot of wasteful heat.
>any help and advice would be greatly appreciated.
>thanks!
>
>mike ac6ja
>
>---
>You are currently subscribed to htaprs as: andyfu@espmail.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

243. [htaprs] Re: TH-D7A APRS Messages

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Tue, 24 Aug 1999 13:40:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36035-1999.08.24-13.51.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am sending a message to correct my earlier posting. I was referring
to messages that could be viewed with the LIST button and not the
MSG button as indicated. When I said press the MSG button I really
meant the LIST button. Please disregard my earlier and substitute
it with the attachment in this message.

I corrected the confusing statements in the attached message.

Sorry for the confusion.

Tim - N8DEU
Huntsville, Alabama

-----Original Message-----
From: Tim Cunningham <tim_cunningham@mindspring.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Tuesday, August 24, 1999 10:48 AM
Subject: Re: [htaprs] Re: TH-D7A APRS Messages

>
>You can delete message on the TH-D7A. In fact I discovered this at the
>Huntsville Hamfest this past weekend. While I was manning the AMSAT
>booth, Ron, AB5WF, from Jackson, Mississippi, walked by with some
>questions on his TH-D7A. I guess he though I was an expert since I gave
>the APRS Forum at the show. Incidentally, the APRS Forum packed the
>room which is a good indication that APRS interest is very good. In fact,
>the dealers sold out of their TH-D7A units after the meeting. :)
>
>Anyhow, we changed his ICON on his TH-D7A. When I decoded it on my
>TH-D7A, I went to the messages display and seen that the ICON was not
>updated to the latest one that was transmitted after making the change on
>his HT. So, I thought to myself if I could only delete the entry and have
>him send another beacon.
>
>It is quite simple to delete a message in the received message list
>(LIST key).   Simply press the LIST button, scroll to the entry you want to
>delete, then press the DEL key (it is the one with A/B label that serves
>a tri-purpose BAND, A/B, DEL), when the "Delete?" prompt is displayed
>press the OK button on the HT's joystick. This will delete the selected
entry.
>If you press any other key than OK, the entry will remain (I did not test
all the
>other keys but it seemed to work in this manner).
>
>When Ron sent a new beacon, the proper ICON was displayed in the
>received message list (LIST key). Since my old HT has yet to be upgraded
>with the new firmware the ICON's may be updated without having to delete
>the message entry. I will find out in a few weeks.
>
>I hope this helps anyone who wants to delete messages on their HT that
>appear when using the LIST button. The DEL key also works for other
>message editing purposes.
>
>On a positive note I learned that a group of folks down in Jackson,
>Mississippi are working to put up an APRS digipeater. This is good
>news, since I will not be able to digipeat an APRS packet though MIR
>from that part of the world when they turn off their digipeater from space
>in the next few days.
>
>If you have not digipeated an APRS packet via R0MIR on 145.985, you only
>have a few days left if they are still on the air.
>
>
>
>73's,
>
>Tim - N8DEU
>
>
>
>-----Original Message-----
>From: Valentino Sarro <sarrov@home.com>
>To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
>Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
>Date: Monday, August 23, 1999 11:00 PM
>Subject: [htaprs] Re: TH-D7A APRS Messages
>
>
>>If memory serves me correctly.... you cannot delete messages...they get
>removed
>>as a new message fills the buffer (unless you reset the CPU I suppose)...
>>
>>Tino, VE6SZR
>>Calgary, Alberta
>>
>>
>>"Kevin Numbers, KC8MTV" wrote:
>>
>>> How do you delete the messages in the Message section, the stuff that I
>have

>>> already sent & received?
>>>
>>> 73's
>>> Kevin Numbers, KC8MTV
>>> E-Mail: kc8mtv@arrl.net
>>> Web Page: http://www.greenapple.com/~knumbers
>>> My APRS Location: http://maps.aprs.net/kc8mtv-7
>>>
>>> ---
>>> You are currently subscribed to htaprs as: sarrov@home.com
>>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>>
>>
>>---
>>You are currently subscribed to htaprs as: tim_cunningham@mindspring.com
>>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

244. [htaprs] PK900 and APRS

From: Howard Hecht <st_rider@csi.com>
Date: Tue, 24 Aug 1999 16:54:48 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36064-1999.08.24-16.06.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I have a PK900 which I'd like to use for tracking APRS from home. I
believe it needs to be updated with a chip set which supports this, as
it doesn't appear to work with WINAPRS. WINAPRS works ok with the D7A,
so I don't think that's the problem.

I understand Timewave isn't supporting the PK900. Can anyone advise as
to availability of the needed chips, or hopefully, what I'm doing wrong
with the curent configuration?

Thanks,

Howard

--
If you attended NERFK for '99
THANK YOU
$61,000.00+ !!!!!!!

Join our ride 20 Aug 2000
http://go.to/nerfk

Help find the cause of and cure for
Pediatric Brain Tumors

Howard Hecht   WA1LWD
Milford, CT
Co-Task Force Leader
New England Ride for Kids

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

245. [htaprs] TH-D7 with DeLorme Earthmate GPS

From: Jack_Yu@sanlien.com.tw
Date: Wed, 25 Aug 1999 08:21:52 +0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36118-1999.08.24-19.32.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear All:

I just purchased a DeLorme Earthmate GPSand I planned to use it with my
TH-D7.

There is no any switch on the Earthmate, I believe that installed the
battery automatically turn it on. I connect it with D7 via a hull modem and
PG-4W cable, put it in a open area for hours, but there is no any position
message.

Can anyone help me with your experiences? Thank you very much.

Jack Yu

73 de BM2AVT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

246. [htaprs] Re: TH-D7 with DeLorme Earthmate GPS

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 24 Aug 1999 19:55:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-36128-1999.08.24-20.05.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Dear All:
>
>I just purchased a DeLorme Earthmate GPS and I planned to use it with my
>TH-D7.
>
>There is no any switch on the Earthmate, I believe that installed the
>battery automatically turn it on. I connect it with D7 via a hull modem and
>PG-4W cable, put it in a open area for hours, but there is no any position
>message.
>
>Can anyone help me with your experiences? Thank you very much.
>
>

The earthmate is binary output ONLY . It was the tripmate that had ASCII NMEA output.

THE EARTHMATE will NOT work with the D7a .

Some versions of APRS may now support the binary output of the Earthmate, I don't know.

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

247. [htaprs] Re: TH-D7 with DeLorme Earthmate GPS

From: "Bob Oesterlin" <oester@rconnect.com>
Date: Tue, 24 Aug 1999 20:47:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-36133-1999.08.24-20.57.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is the ticket for Earthmate users:

http://www.byonics.com/gst-1/

Bob N0EST
----- Original Message -----
From: Robert Winingham <kc5ejk@onramp.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Sent: Tuesday, August 24, 1999 7:55 PM
Subject: [htaprs] Re: TH-D7 with DeLorme Earthmate GPS

> >Dear All:
> >
> >I just purchased a DeLorme Earthmate GPS and I planned to use it with my
> >TH-D7.
> >
> >There is no any switch on the Earthmate, I believe that installed the
> >battery automatically turn it on. I connect it with D7 via a hull modem
and
> >PG-4W cable, put it in a open area for hours, but there is no any
position
> >message.
> >
> >Can anyone help me with your experiences? Thank you very much.
> >

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248. [htaprs] Re: Palm Pilot with TH-D7A

From: Sigmund Austigard <austig+htaprs@runit.no>
Date: Wed, 25 Aug 1999 12:58:33 +0200 (METDST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36170-1999.08.25-06.08.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Aug 23, 9:48, John Blowsky wrote:
>   One nice feature of the thd7a is the fact that by using an
> empty aa battery pack all the external battery power goes to the
> radio instead of charging the nicad pack.
>
> NOTE the battery pack has to be empty or your external power will cause
> the aa batteries to EXPLODE or at least LEAK all over the place.
>
> NOTE do not take this idea and install rechargeable batteries in the
> aa pack. The aa packs do not have any electronics to monitor the
> charging
> of the batteries. So the same results may happen. Explosion or
> at the least leaking batteries.

I thought that the diode inside my BT-11 was supposed to prevent the electrons
from entering the batteries the wrong way? Or have I missed something?

73 DE Sigmund LC5GAT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

249. [htaprs] RE: Mountain Usage

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Wed, 25 Aug 1999 09:29:24 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "nwaprssig@nwaprs. org" <nwaprssig@nwaprs.org>,
        "TH-D7Asig" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36213-1999.08.25-11.39.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That method works great. Thanks Bob. I was not aware of it.

Now for another question. Is there any easy (short cut) way of generating a
"space" in the TH-D7A messages? The space seems to be one of the hardest
characters to generate; you have to scroll through many characters to get
there. I wind up using a ! between words since it is quicker to get to.

Has anyone figured out a quick way to get a space?

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----

> From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
> Sent: Monday, August 23, 1999 2:24 PM
> To: Herb Gerhardt, KB7UVC
> Cc: nwaprssig@nwaprs. org; TH-D7Asig; Buddy KD7EYZ Day; Mel & Rita
> Armstrong KC7CYO & KC7DAC
> Subject: Re: Mountain Usage
>
>
> On Mon, 23 Aug 1999, Herb Gerhardt, KB7UVC wrote:
>
> > 2. On the messages, please limit the number of messages to one or two.
> > Responding is a pain on the TH-D7A. It takes time to make entries.
>
> Remember you can Copy any prior message and send to a new call. Just call
> up the old message, and hit MSG button. Then edit the new call. and hit
> OK. I always keep at least two standard messages in memory:
>
>   Rgr. TNX 4 msg. Im on HT so cant say much.
>
>   Having a great time. etc...
>
> and so forth...
>

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250. [htaprs] RE: Mountain Usage

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Wed, 25 Aug 1999 11:31:04 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "nwaprssig@nwaprs. org" <nwaprssig@nwaprs.org>,
"TH-D7Asig" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36214-1999.08.25-11.41.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Now for another question. Is there any easy (short cut) way of generating
a
> "space" in the TH-D7A messages? The space seems to be one of the hardest
> characters to generate; you have to scroll through many characters to get
> there. I wind up using a ! between words since it is quicker to get to.
>
> Has anyone figured out a quick way to get a space?

Hit zero, and twiddle the encoder a bit.

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251. [htaprs] Garmin III+ Problem

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Wed, 25 Aug 1999 09:50:42 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Garmin Techsupport" <techsupp@garmin.com>
Message-ID: <LYR845-36216-1999.08.25-12.01.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been using my Garmin GPS III+ with my Mic-E Encoder and my ICOM
IC-2340 set to 144.39, and have noticed that at times I quit transmitting
onto APRS.

What I have determined is that my III+ for some unknown reason is resetting
from NMEA at 4800 baud back to GARMIN HOST Interface mode. This is
happening at least once a day and is becoming very annoying. Yes, the III+
is still under warranty, but I would like to pin the problem down before I
take that route.

Has anyone else ever experienced this problem with the III+ or any other
Garmin GPS? It would appear to me that it would have to be a software
glitch inside the GPS.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

252. [htaprs] RE: Mountain Usage

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Wed, 25 Aug 1999 12:56:03 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "nwaprssig@nwaprs. org" <nwaprssig@nwaprs.org>
Message-ID: <LYR845-36220-1999.08.25-12.08.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 8/25/99 12:29 PM, Herb Gerhardt, KB7UVC (gerhardt@hctc.com) passed
this wisdom:

>That method works great. Thanks Bob. I was not aware of it.
>
>Now for another question. Is there any easy (short cut) way of generating a
>"space" in the TH-D7A messages? The space seems to be one of the hardest
>characters to generate; you have to scroll through many characters to get
>there. I wind up using a ! between words since it is quicker to get to.
>
>Has anyone figured out a quick way to get a space?

noooooooooo ... the space is on of the easiest characters ... it is the
key to the left of all the key for punctuation (second key from left,
bottom row) and its the first character selected.

Brian B. Riley --> http://members.macconnect.com/~brianbr
For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

-- of Steve Jobs (1997)
"He gazed up at the enormous face. But it was all right.
Everything was all right, the struggle was finished. He had
won the victory against himself. "
"He loved Big Brother." -- George Orwell, "1984"

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253. [htaprs] Re: Garmin III+ Problem

From: John W Wilson <z004391b@bc.seflin.org>
Date: Wed, 25 Aug 1999 13:06:33 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
Garmin Techsupport <techsupp@garmin.com>
Message-ID: <LYR845-36222-1999.08.25-12.16.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would put a ferrite on the wire coming from the GPS if you are having
trouble. Put the ferrite as close to the GPS as you can stand, and wrap
a couple of turns if it can take it. That may solve the problem if RF is
getting in and changing settings on you. If not, then look into heat.
Try the RF thing first.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Wed, 25 Aug 1999, Herb Gerhardt, KB7UVC wrote:

> I have been using my Garmin GPS III+ with my Mic-E Encoder and my ICOM
> IC-2340 set to 144.39, and have noticed that at times I quit transmitting
> onto APRS.
>
> What I have determined is that my III+ for some unknown reason is resetting
> from NMEA at 4800 baud back to GARMIN HOST Interface mode. This is
> happening at least once a day and is becoming very annoying. Yes, the III+
> is still under warranty, but I would like to pin the problem down before I
> take that route.
>
> Has anyone else ever experienced this problem with the III+ or any other

> Garmin GPS? It would appear to me that it would have to be a software
> glitch inside the GPS.
>
> Herb, KB7UVC
> NW APRS Group, West Sound Coordinator
> www.nwaprs.org <http://www.nwaprs.org>
>
>
> ---
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>

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254. [htaprs] Re: Palm Pilot with TH-D7A

From: John Sullivan <jbs@quickturn.com>
Date: Wed, 25 Aug 1999 10:35:16 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36230-1999.08.25-12.45.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I thought that the diode inside my BT-11 was supposed to prevent the electrons
> from entering the batteries the wrong way? Or have I missed something?

You have missed nothing. (Check out the tree.) Even NiCd cells cannot
be charged inside the BT-11.

73 de John WD6BTP

> On Aug 23, 9:48, John Blowsky wrote:
> >   One nice feature of the thd7a is the fact that by using an
> > empty aa battery pack all the external battery power goes to the
> > radio instead of charging the nicad pack.
> >
> > NOTE the battery pack has to be empty or your external power will cause
> > the aa batteries to EXPLODE or at least LEAK all over the place.
> >
> > NOTE do not take this idea and install rechargeable batteries in the
> > aa pack. The aa packs do not have any electronics to monitor the
> > charging
> > of the batteries. So the same results may happen. Explosion or
> > at the least leaking batteries.
>
> I thought that the diode inside my BT-11 was supposed to prevent the electrons
> from entering the batteries the wrong way? Or have I missed something?
>
>
> 73 DE Sigmund LC5GAT

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255. [htaprs] RE: Garmin III+ Problem

From: "Joe B. Dorn" <joedorn@stonemedia.com>
Date: Wed, 25 Aug 1999 14:39:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Garmin Techsupport" <techsupp@garmin.com>
Message-ID: <LYR845-36257-1999.08.25-14.51.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Have you checked the Garmin site? Firmware updates are there quite often...

http://www.garmin.com/

Joe Dorn, W5VEX, Belton, Texas

-----Original Message-----
From: bounce-htaprs-9157@lists.tapr.org
[mailto:bounce-htaprs-9157@lists.tapr.org]On Behalf Of Herb Gerhardt, KB7UVC
Sent: Wednesday, August 25, 1999 11:51 AM
To: TAPR HT APRS Special Interest Group
Cc: Garmin Techsupport

Subject: [htaprs] Garmin III+ Problem

I have been using my Garmin GPS III+ with my Mic-E Encoder and my ICOM
IC-2340 set to 144.39, and have noticed that at times I quit transmitting
onto APRS.

What I have determined is that my III+ for some unknown reason is resetting
from NMEA at 4800 baud back to GARMIN HOST Interface mode. This is
happening at least once a day and is becoming very annoying. Yes, the III+
is still under warranty, but I would like to pin the problem down before I
take that route.

Has anyone else ever experienced this problem with the III+ or any other
Garmin GPS? It would appear to me that it would have to be a software
glitch inside the GPS.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

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256. [htaprs] Batteries

From: Gary Wells <gwells@nbn.net>
Date: Wed, 25 Aug 1999 13:07:17 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36258-1999.08.25-14.52.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am looking into a second battery for my TH-D7. I have been looking
for info on Ni-Cad vs. NiMH batteries. Web searches have turned up
any number of battery web pages, all with there own spin on the subject.
Does anyone have a web address for unbiased, comprehensive info
on this question?

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257. [htaprs] RE: Batteries

From: "Matthew Sickles" <msickles@nortelnetworks.com>
Date: Wed, 25 Aug 1999 15:48:23 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36259-1999.08.25-14.59.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am very please with the performance of my MAHA NI-MH battery I picked up a
few months ago. I am planning on getting another to replace the Kenwood
NI-CD that the clip is cracked on.

Hope this helps out, if you want some information on times here are some
recent observations:

Tracking

Kenwood Standard w power saving mode 14 hrs EL power
MAHA NI-MH w power saving mode 3 days ~30 hours of transmitting

Matt
W2BYV

-----Original Message-----
From: Gary Wells [mailto:gwells@nbn.net]
Sent: Wednesday, August 25, 1999 1:07 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Batteries

I am looking into a second battery for my TH-D7. I have been looking
for info on Ni-Cad vs. NiMH batteries. Web searches have turned up
any number of battery web pages, all with there own spin on the subject.

Does anyone have a web address for unbiased, comprehensive info
on this question?

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You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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258. [htaprs] RE: Garmin III+ Problem

From: "Matthew Sickles" <msickles@nortelnetworks.com>
Date: Wed, 25 Aug 1999 15:50:03 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: Garmin Techsupport <techsupp@garmin.com>
Message-ID: <LYR845-36260-1999.08.25-15.00.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had this same issue for a while on another box and it did require the
latest firmware upgrade to repair the problem.

Check out the newest release information at:

http://www.garmin.com/support/software.html

The latest revision is GPS III Plus software version 2.02.

I also found an update to the MapSource software here as well that resolved
some problems I had.

Matt
W2BYV

-----Original Message-----
From: Joe B. Dorn [mailto:joedorn@stonemedia.com]
Sent: Wednesday, August 25, 1999 3:40 PM
To: TAPR HT APRS Special Interest Group
Cc: Garmin Techsupport
Subject: [htaprs] RE: Garmin III+ Problem

Have you checked the Garmin site? Firmware updates are there quite often...

http://www.garmin.com/

Joe Dorn, W5VEX, Belton, Texas

-----Original Message-----
From: bounce-htaprs-9157@lists.tapr.org
[mailto:bounce-htaprs-9157@lists.tapr.org]On Behalf Of Herb Gerhardt, KB7UVC
Sent: Wednesday, August 25, 1999 11:51 AM
To: TAPR HT APRS Special Interest Group
Cc: Garmin Techsupport
Subject: [htaprs] Garmin III+ Problem

I have been using my Garmin GPS III+ with my Mic-E Encoder and my ICOM
IC-2340 set to 144.39, and have noticed that at times I quit transmitting
onto APRS.

What I have determined is that my III+ for some unknown reason is resetting
from NMEA at 4800 baud back to GARMIN HOST Interface mode. This is
happening at least once a day and is becoming very annoying. Yes, the III+
is still under warranty, but I would like to pin the problem down before I
take that route.

Has anyone else ever experienced this problem with the III+ or any other
Garmin GPS? It would appear to me that it would have to be a software
glitch inside the GPS.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

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259. [htaprs] RE: Mountain Usage

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 25 Aug 1999 17:37:20 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "nwaprssig@nwaprs. org" <nwaprssig@nwaprs.org>,
TH-D7Asig <htaprs@lists.tapr.org>
Message-ID: <LYR845-36274-1999.08.25-16.48.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 25 Aug 1999, Herb Gerhardt, KB7UVC wrote:

> That method works great. Thanks Bob. I was not aware of it.
>
> Now for another question. Is there any easy (short cut) way of generating a
> "space" in the TH-D7A messages? The space seems to be one of the hardest
> characters to generate; you have to scroll through many characters to get
> there. I wind up using a ! between words since it is quicker to get to.
>
> Has anyone figured out a quick way to get a space?

Yes, its the "0" key

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260. [htaprs] Still having problems....

From: Thomas Nowicki <tnowicki@qtm.net>
Date: Thu, 26 Aug 1999 01:19:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36397-1999.08.26-01.27.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok here is the deal. I need someone to help me with this before I go
nuts......

I am running WinAPRS 2.2.8, TH-D7a, and a Garmin GPS III+. I have the HT
hooked to the computer, the GPS hooked into the HT, and the HT is in
packet mode.. When I start APRS, the program reads the information from
the GPS and sets the posit for my station, but does not update. Only
when I reinit the TNC does my position change. However, I see the GPS
messages at the bottom of the screen, like the program is trying to read
and update the posit info. Where am I going wrong? If anyone can help,
please let me know! Thanks!

Tom
KF9JW

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

261. [htaprs] Re: Still having problems....

From: Norman Huber <nihuber@ice.net>
Date: Thu, 26 Aug 1999 08:24:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-36433-1999.08.26-08.35.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have noticed that even if I turn on the GPS first and wait for it to
acquire position, when I turn on the D7A it initially shows my position as
00.00.000 with no blinking decimals. If I start the D7A with the TNC off, it
maintains the 00.00.000. Once everything is on in APRS mode it updates and

goes on. Since I have turned on auto transmit, It transmits the initial
position as 00.00.000 on bootup.
I wonder if the D7A even asks/receives the position from the GPS if you are
not in APRS mode. Once that communication is requested, it takes a few
seconds for the data to update the D7A.

Thomas Nowicki wrote:

> Ok here is the deal. I need someone to help me with this before I go
> nuts......
>
> I am running WinAPRS 2.2.8, TH-D7a, and a Garmin GPS III+. I have the HT
> hooked to the computer, the GPS hooked into the HT, and the HT is in
> packet mode.. When I start APRS, the program reads the information from
> the GPS and sets the posit for my station, but does not update. Only
> when I reinit the TNC does my position change. However, I see the GPS
> messages at the bottom of the screen, like the program is trying to read
> and update the posit info. Where am I going wrong? If anyone can help,
> please let me know! Thanks!
>
> Tom
> KF9JW
>
> ---
> You are currently subscribed to htaprs as: nihuber@ice.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Norm - N9ZKS
Bicyclist, Motorcyclist, Ham , Scouter
Year2000 Compliant

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

262. [htaprs] Re: Still having problems....

From: "Matthew Sickles" <msickles@nortelnetworks.com>
Date: Thu, 26 Aug 1999 10:01:18 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36439-1999.08.26-09.12.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Norm and others,

I have found a neat fix that has probably been posted here before but it has
helped me out numerous times with the D7. After I get a fix on the position
from my NMEA GPS, I can the hit position button 'POS' and then select OK
from the Joystick control. It asks to 'Copy to Menu?', this will preserve
the last setting before you shut off the GPS and it allows for a manual
input if you shut-off the NMEA setting in the menu. This will allow the
dreaded JJ00AA grid from showing up.

I always use this but I don't know if I have ever found it in the manual.

Hope this may help others out.

As far as the 00.00.00 position at NMEA boot-up, I do not think there is any
way around that.

Matt
W2BYV

-----Original Message-----
From: Norman Huber [mailto:nihuber@ice.net]
Sent: Thursday, August 26, 1999 9:24 AM
To: TAPR HT APRS Special Interest Group
Cc: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: Still having problems....

I have noticed that even if I turn on the GPS first and wait for it to
acquire position, when I turn on the D7A it initially shows my position as
00.00.000 with no blinking decimals. If I start the D7A with the TNC off, it
maintains the 00.00.000. Once everything is on in APRS mode it updates and

goes on. Since I have turned on auto transmit, It transmits the initial
position as 00.00.000 on bootup.
I wonder if the D7A even asks/receives the position from the GPS if you are
not in APRS mode. Once that communication is requested, it takes a few
seconds for the data to update the D7A.

Thomas Nowicki wrote:

> Ok here is the deal. I need someone to help me with this before I go
> nuts......
>
> I am running WinAPRS 2.2.8, TH-D7a, and a Garmin GPS III+. I have the HT
> hooked to the computer, the GPS hooked into the HT, and the HT is in
> packet mode.. When I start APRS, the program reads the information from
> the GPS and sets the posit for my station, but does not update. Only
> when I reinit the TNC does my position change. However, I see the GPS
> messages at the bottom of the screen, like the program is trying to read
> and update the posit info. Where am I going wrong? If anyone can help,
> please let me know! Thanks!
>
> Tom
> KF9JW
>
> ---
> You are currently subscribed to htaprs as: nihuber@ice.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Norm - N9ZKS
Bicyclist, Motorcyclist, Ham , Scouter
Year2000 Compliant

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---
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263. [htaprs] RE: Garmin III+ Problem

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Thu, 26 Aug 1999 09:45:43 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Gpssig" <GPS@tvnav.com>, "nwaprssig@nwaprs. org" <nwaprssig@nwaprs.org>,
        "Garmin Techsupport" <techsupp@garmin.com>
Message-ID: <LYR845-36468-1999.08.26-11.55.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Update to my Problem:

Yes, I am running Version 2.02 which came installed in my GPS III+, so that
is not my problem. Yes, I am aware of the Garmin Software Upgrade site (It
is was really neat of Garmin to provide such a service!).

I have received several responses suggesting that RF might be my problem.
No, I did not have an RF Choke in my GPS cable which supplies both power and
signal. I have now installed a choke and am testing to see if this solves
the problem. So far, it has not reset the Interface Mode! Garmin does
include an RF Choke on their manufactured cables, maybe it really is
required.

Will continue testing and post my results when I have found a definite
solution.

Thanks to all that have responded so far. Even received a response from
England!

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----

> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Matthew Sickles
> Sent: Wednesday, August 25, 1999 12:50 PM
> To: TAPR HT APRS Special Interest Group
> Cc: Garmin Techsupport
> Subject: [htaprs] RE: Garmin III+ Problem
>
>
> I had this same issue for a while on another box and it did require the
> latest firmware upgrade to repair the problem.
>
> Check out the newest release information at:
>
> http://www.garmin.com/support/software.html
>
> The latest revision is GPS III Plus software version 2.02.
>
> I also found an update to the MapSource software here as well
> that resolved
> some problems I had.
>
> Matt
> W2BYV
>
> -----Original Message-----
> From: Joe B. Dorn [mailto:joedorn@stonemedia.com]
> Sent: Wednesday, August 25, 1999 3:40 PM
> To: TAPR HT APRS Special Interest Group
> Cc: Garmin Techsupport
> Subject: [htaprs] RE: Garmin III+ Problem
>
>
> Have you checked the Garmin site? Firmware updates are there
> quite often...
>
http://www.garmin.com/

Joe Dorn, W5VEX, Belton, Texas

-----Original Message-----
From: bounce-htaprs-9157@lists.tapr.org
[mailto:bounce-htaprs-9157@lists.tapr.org]On Behalf Of Herb Gerhardt, KB7UVC
Sent: Wednesday, August 25, 1999 11:51 AM
To: TAPR HT APRS Special Interest Group
Cc: Garmin Techsupport
Subject: [htaprs] Garmin III+ Problem

I have been using my Garmin GPS III+ with my Mic-E Encoder and my ICOM
IC-2340 set to 144.39, and have noticed that at times I quit transmitting
onto APRS.

What I have determined is that my III+ for some unknown reason is resetting
from NMEA at 4800 baud back to GARMIN HOST Interface mode. This is
happening at least once a day and is becoming very annoying. Yes, the III+
is still under warranty, but I would like to pin the problem down before I
take that route.

Has anyone else ever experienced this problem with the III+ or any other
Garmin GPS? It would appear to me that it would have to be a software
glitch inside the GPS.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

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264. [htaprs] Re: Still having problems....

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 26 Aug 1999 14:44:04 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga, WB4APR" <bruninga@nadn.navy.mil>
Message-ID: <LYR845-36485-1999.08.26-13.54.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 8/26/99 9:24 AM, Norman Huber (nihuber@ice.net) passed this wisdom:

>I have noticed that even if I turn on the GPS first and wait for it to
>acquire position, when I turn on the D7A it initially shows my position as
>00.00.000 with no blinking decimals. If I start the D7A with the TNC off, it
>maintains the 00.00.000. Once everything is on in APRS mode it updates and
>goes on. Since I have turned on auto transmit, It transmits the initial
>position as 00.00.000 on bootup.
>I wonder if the D7A even asks/receives the position from the GPS if you are
>not in APRS mode. Once that communication is requested, it takes a few
>seconds for the data to update the D7A.

 even without a computer present the D7A has the annoying habit of coming
up and beaconing a packet with the 0/0 position. Doesn't matter whether
the GPS has been up and locked or not ... in fact it takes about a minute
til you here the little beep tones that indicate it has a valid locked
posit ... if it doesn;t have a valid locked post you will get the
infamous 'ticking' sound.

Bob, any chance to get Kenwood to fix that? I mean if GPS input is on,
not to transmit til it has a valid posit? Or is there some explanation as
to why it does that?

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

   "You will know fear. Then you will know pain. Then you will use a Mac."
     -- from somewhere on the Net

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265. [htaprs] Re: Still having problems....

From: "Kraig" <jellybean421@earthlink.net>
Date: Thu, 26 Aug 1999 13:01:42 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36497-1999.08.26-15.11.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have had similar experiences. Te only difference in setup is that I have
a GPS II+ instead of your III+. The D7 and the GPS work great alone.
Position updates as would be expected. Once I hook up the computer with
WinAPRS, the position becomes stagnant and will not update.

I think that I saw on here that you did not have to open a GPS port with the
TH-D7a, only the VHF TNC. If that is correct, then I don't know what else
to try. Personally, I gave up and just use the GPS unit and the radio. I
have gotten a Palm III and made the cable. Seems to work ok, but I have yet
to take it on the road with me. We'll see what happens there.

73, de kd6fff
Kraig
http://www.galaxytheatre.com

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266. [htaprs] Re: Still having problems....

From: GPersons <railfan@flash.net>
Date: Thu, 26 Aug 1999 16:34:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36506-1999.08.26-16.44.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you are talking about the thing I think you are talking about then I
also have experienced the same problem. Here was my solution.

I am running a Garmin GPSIII+, THD7 and APRS+. When I go to the TNC mode,
the GPS will not report the position to the radio. Solution? I start the
radio in APRS mode. When the radio receives the position for the GPS, I
then switch to TNC mode. This seems to work out ok. I have not had the
position drop out on me yet. This doesn't seem to cause a problem with
APRS+ because I have to turn the radio on before the computer so the APRS+
program will send the init. file to the radio.

Hope this helps!

73 de KD5DAY

Gary

BTW: I will beaconing tomorrow as I run around town. Maybe you can catch me
on the APRS.net page!
At 01:19 AM 8/26/99 -0500, you wrote:
>Ok here is the deal. I need someone to help me with this before I go
>nuts......
>
>I am running WinAPRS 2.2.8, TH-D7a, and a Garmin GPS III+. I have the HT
>hooked to the computer, the GPS hooked into the HT, and the HT is in
>packet mode.. When I start APRS, the program reads the information from
>the GPS and sets the posit for my station, but does not update. Only
>when I reinit the TNC does my position change. However, I see the GPS
>messages at the bottom of the screen, like the program is trying to read
>and update the posit info. Where am I going wrong? If anyone can help,
>please let me know! Thanks!
>
>Tom
>KF9JW
>
>
>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

267. [htaprs] Re: Still having problems....

From: Thomas Nowicki <tnowicki@qtm.net>
Date: Thu, 26 Aug 1999 16:48:28 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36507-1999.08.26-16.57.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually, I have noticed this also, but what seems to happen is that the posit
info in the radio doesn't get updated, but the APRS program does. It seems to
read the correct position off of the GPS unit, even though the radio still
shows all 0's. But the problem is that the posit info never changes in APRS,
even though I'm moving, and the GPS is updating itself. It's like APRS isn't
"seeing" the new posit info. Very frustrating. Perhaps this setup doesn't work
at all??

Tom
KF9JW

GPersons wrote:

> If you are talking about the thing I think you are talking about then I
> also have experienced the same problem. Here was my solution.
>

> I am running a Garmin GPSIII+, THD7 and APRS+. When I go to the TNC mode,
> the GPS will not report the position to the radio. Solution? I start the
> radio in APRS mode. When the radio receives the position for the GPS, I
> then switch to TNC mode. This seems to work out ok. I have not had the
> position drop out on me yet. This doesn't seem to cause a problem with
> APRS+ because I have to turn the radio on before the computer so the APRS+
> program will send the init. file to the radio.
>
> Hope this helps!
>
> 73 de KD5DAY
>
> Gary
>
> BTW: I will beaconing tomorrow as I run around town. Maybe you can catch me
> on the APRS.net page!

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268. [htaprs] Re: Still having problems....

From: Jon Ogden <jono@enteract.com>
Date: Thu, 26 Aug 1999 22:03:21 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36568-1999.08.26-22.13.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thomas Nowicki wrote:

>I am running WinAPRS 2.2.8, TH-D7a, and a Garmin GPS III+. I have the HT
>hooked to the computer, the GPS hooked into the HT, and the HT is in
>packet mode.. When I start APRS, the program reads the information from
>the GPS and sets the posit for my station, but does not update. Only
>when I reinit the TNC does my position change. However, I see the GPS
>messages at the bottom of the screen, like the program is trying to read
>and update the posit info. Where am I going wrong? If anyone can help,
>please let me know! Thanks!

OK, FIRST OF ALL:

When the radio is in TNC mode, IGNORE what everyone else is saying about
waiting for positions, hitting the POS button, etc. Don't worry about
that.

Do check the settings in WIN APRS:

Under settings: Check that you have "Accept GPS on VHF port" checked.

DO NOT open up the GPS port inside APRS. That will hose things up. ONLY
open up the TNC port. The rest is all transparent.

Also, on the TNC settings window, Check TNC on VHF and use the settings
from the "KENWOOD DC" button.

What is likely is that one of these isn't checked.

Try that.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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269. [htaprs] Transmitting before GPS lock (was:Re: Still having problems....)

From: Jon Ogden <jono@enteract.com>
Date: Thu, 26 Aug 1999 22:06:23 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga, WB4APR" <bruninga@nadn.navy.mil>
Message-ID: <LYR845-36570-1999.08.26-22.16.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian B. Riley wrote:

>Bob, any chance to get Kenwood to fix that? I mean if GPS input is on,
>not to transmit til it has a valid posit? Or is there some explanation as
>to why it does that?

NO, it is NOT a bug. Bob has explained this:

1.) ALL versions of APRS SHOULD ignore a 0,0 posit. I don't know if
WIN/MAC APRS does but they should.
2.) You may wish to transmit BEFORE you get a GPS lock so that you can
let people know you are there. This may be necessary in an emergency or
some other situation. Once people know you are there they can start
sending messages and traffic, etc. This is a good point.

The functionality needs to be left as it is. Let's not be so anal that
we worry about transmitting a 0,0 posit.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

270. [htaprs] Re: Transmitting before GPS lock (was:Re: Still having problems....)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 27 Aug 1999 10:17:11 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Brian B. Riley" <brianbr@macconnect.com>,
TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-36661-1999.08.27-10.29.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Another answer:
The THD7 transmits in Mic-E format which is a combined POSITION/STATUS
packet. APRS splits these into separate POSITIONS and STATUS data on
receipt. THus, if there is no posit data available (the GPS has not
locked yet), it sends the packet (with STATUS) but has to use a 000/000
posit. In APRS, that is a NULL posit and is supposed to be ignored by all
software (while still accepting the packet to get the Status and to add
you to the heard list)...

On Thu, 26 Aug 1999, Jon Ogden wrote:

> Brian B. Riley wrote:
>
> >Bob, any chance to get Kenwood to fix that? I mean if GPS input is on,
> >not to transmit til it has a valid posit? Or is there some explanation as
> >to why it does that?
>
> NO, it is NOT a bug. Bob has explained this:
>
> 1.) ALL versions of APRS SHOULD ignore a 0,0 posit. I don't know if
> WIN/MAC APRS does but they should.
> 2.) You may wish to transmit BEFORE you get a GPS lock so that you can
> let people know you are there. This may be necessary in an emergency or

> some other situation. Once people know you are there they can start
> sending messages and traffic, etc. This is a good point.
>
> The functionality needs to be left as it is. Let's not be so anal that
> we worry about transmitting a 0,0 posit.
>
> 73,
>
> Jon
> KE9NA
>
>
> -------------------------------------
> Jon Ogden
> KE9NA
>
> http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!
>
>
> "A life lived in fear is a life half lived."
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
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271. [htaprs] Re: Transmitting before GPS lock (was:Re: Still having problems....)

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 27 Aug 1999 11:33:09 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36671-1999.08.27-10.43.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 8/27/99 10:17 AM, Bob Bruninga (bruninga@nadn.navy.mil) passed this
wisdom:

>Another answer:
>   The THD7 transmits in Mic-E format which is a combined POSITION/STATUS
>packet. APRS splits these into separate POSITIONS and STATUS data on
>receipt. THus, if there is no posit data available (the GPS has not
>locked yet), it sends the packet (with STATUS) but has to use a 000/000
>posit. In APRS, that is a NULL posit and is supposed to be ignored by all
>software (while still accepting the packet to get the Status and to add
>you to the heard list)...
>
> On Thu, 26 Aug 1999, Jon Ogden wrote:
>
>> Brian B. Riley wrote:
>>
>> >Bob, any chance to get Kenwood to fix that? I mean if GPS input is on,
>> >not to transmit til it has a valid posit? Or is there some explanation as
>> >to why it does that?
>>
>> NO, it is NOT a bug. Bob has explained this:
>>
>> 1.) ALL versions of APRS SHOULD ignore a 0,0 posit. I don't know if
>> WIN/MAC APRS does but they should.

  OK, I see the point. But I seem to remeber seeing a CAR icon at 0/0 on
my MacAPRS map quite regularly for a while ... was that some kind of
macAPRS error?

>> 2.) You may wish to transmit BEFORE you get a GPS lock so that you can
>> let people know you are there. This may be necessary in an emergency or
>> some other situation. Once people know you are there they can start
>> sending messages and traffic, etc. This is a good point.

Brian B. Riley --> http://members.macconnect.com/~brianbr
   For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "Strange women lying in ponds distributing swords is no basis
   for a system of government." -- from Monty Python

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272. [htaprs] APRS IGATE Success

From: "David Robertson" <drober05@tir.com>
Date: Fri, 27 Aug 1999 16:57:40 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36723-1999.08.27-16.07.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was just successful exploring another fascinating aspect of APRS. I was
finally able to get an email message direct from my TH-D7A to my home email.
It's pretty amazing to see the APRS path. I sent the email message from
Brighton, Michigan (west of Detroit) and received the message at my home
email by the time I got home several hours later. What is amazing is that
the APRS path includes only three links to make it all the way to No
Brunswich, NJ where it was sent by the IGATE.

I include the email tailing (at the end of the email) information here:

==
Message received by MacAPRS IGate station WU2Z
Located in NO BRUNSWICK, NJ
APRS path = KC8JZX-7>APK001,K1DE-5,KB8GVQ-13*
==

This probably seems like a small accomplishment to many of the APRS old
timers, but for me this is one of the most exciting aspects of APRS.

Dave Robertson
KC8JZX

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

273. [htaprs] Re: Transmitting before GPS lock (was:Re: Still having problems....)

From: Jon Ogden <jono@enteract.com>
Date: Fri, 27 Aug 99 16:35:52 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>,
        "Mark Sproul" <sproul@ap.org>,
        "Keith Sproul" <ksproul@rci.rutgers.edu>
Message-ID: <LYR845-36728-1999.08.27-16.45.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian B. Riley wrote:

>>> 1.) ALL versions of APRS SHOULD ignore a 0,0 posit. I don't know if
>>> WIN/MAC APRS does but they should.
>
> OK, I see the point. But I seem to remeber seeing a CAR icon at 0/0 on
>my MacAPRS map quite regularly for a while ... was that some kind of
>macAPRS error?

I don't belive MacAPRS or WinAPRS ignores the 0,0 posit.

It should.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

274. [htaprs] AO-27 and TH-D7

From: "r bratberg" <rb95403@aol.com>
Date: Fri, 27 Aug 1999 22:37:25
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36752-1999.08.27-22.47.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

CAN THE TH-D7 BE PROGRAMED TO RECEIVE ON UHF AND
TRANSMIT ON VHF FOR A0-27 USE?

THANKS FOR ANY HELP!

73 BOB KE6TIV

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275. [htaprs] THD7 Tactical MSG Abbreviations

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 28 Aug 1999 00:23:55 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36757-1999.08.27-23.34.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WHile doing APRS planning for our 10K Race I had an idea. Maybe it is so
obvious, everyone is already doing it, but I just realized its power
tonight...

Many HAMS will be using their THD7 as their HT as they assume their duties
as "shadows" or other walking COMM assets. Often the voice channel is
busy and often they may not hear a voice message addressed to them because
they are distracted or whatever. ALso, routine voice traffic for them may
have to wait many minutes before it can be passed on the VOICE nets.
Sooooo...

Why not send traffic TO them via the THD7 APRS message system as if it
were a one-way PAGER! (Not expecting a "digital" reply). Their THD7
will receive it, alert them to the message, and it is availalble to be
read when he gets to it.

Normally, a THD7 MESSAGE is the last thing such a VIP or COMMUNICATOR has
time for (because normal APRS usually expects a digital reply).   BUT...
If we use this capability such that the THD7 user does NOT NEED to RESPOND
via a THD7 KBRD MSG, then it can be very useful... If we had some general
abbreviations agreed to before hand, then we could communicate quite
effectively via this means at a local event.   Here are some ideas for
some abbreviations to be appended at the end of an APRS message:

```
  blah   blah blah... VRO     VRO means Voice Reply OK
  blah blah  blah...  VRR     Voice Reply Required
  blahh blahh blahh.. ARR     APRS Reply Required (wont use much!)
  blah blah blah      NRR     No response required
```

Also during such use, all APRS operators could "assume" that any time they
get their own MESSAGE duplicated back to them from the remote THD7
recepient, that this "means" that that user has READ the message and is
ACKNOWLEDGING its contents.   WIth this assumption, this process can be
completed by the THD7 user with only 3 key strokes. MSG OK OK.
If we do not make this assumption, then a "reply" takes Many, many
keystrokes and is jsut too burdensome to be done in this kind of real-time
tactical event.

Are there any other useful abbreviations that we could use to facilitate
this kind of mostly one-way traffic delivery? (typically from the APRS
operator at Net control to the THD7 users out walking the event). I do
not want a big list of abbrevitions, but just a usable set that covers the
need.

(I had Asked Kenwood to include a "single-key-RGR" human REPLY capability,
but it just didnt make it into the design...)

Have any of you already explored this kind of operation and developed
techniques? Please share it with us..

de WB4APR, Bob

 --------End of Unsent Message

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

276. [htaprs] Re: AO-27 and TH-D7

From: GPersons <railfan@flash.net>
Date: Sat, 28 Aug 1999 09:40:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36815-1999.08.28-09.50.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You betcha. I have the AO27 uplink VHF frequency programmed on channel 99
and the UHF downlinks programmed on channels 100-106. Another way to
program the radio is have the uplink start frequency programmed into your
VFO and then tune the VFO down as the bird comes overhead.
The uplink frequency is 145.850. The downlink starts at 436.805 and goes to
436.775 in 5khz steps. Be sure to change the downlink frequency as the
satellite comes over head to compensate for doppler. I have work AO27 with
the THD7 and an Arrow antenna many, many times.

Good luck and I'll se ya on the birds!

73

Gary

At 10:37 PM 8/27/99, you wrote:
>CAN THE TH-D7 BE PROGRAMED TO RECEIVE ON UHF AND
>TRANSMIT ON VHF FOR A0-27 USE?
>
>THANKS FOR ANY HELP!
>
>73 BOB KE6TIV
>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

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277. [htaprs] Re: APRS Coverage

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 28 Aug 1999 11:36:51 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36827-1999.08.28-12.14.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

David R. wrote:

>I'm using the default "RELAY, WIDE". How do you clear out the setting?
>You can't enter spaces. How can you change it from "RELAY, WIDE" to,
>say... , "WIDE"?

     The "DUAL" key is the equivalent of the space bar on a normal key-
board, just as the "A/B" key is the backspace. However, you are making

an incorrect assumption in that there is a space needed between the comma (,) and the next address in the path. There should be *no* spaces in between them (eg: RELAY,WIDE or N2MH-15,WA2UEM,TRACE etc).

          \/   HELLO, KENWOOD PEOPLE? THIS IS FOR YOU!   \/

     Personally, I rather wish there were some way of seeing the paths of other APRS users with the D7a. Something akin to APRSDos' "D" page or WinMacAPRS' Lists>ProtoPath. This would help D7a users determine a viable path to whatever area or station they want their packets (read: messages!) to go. Without it, we must either guess or work from memory as to the topography of the local network. Either of these methods can be iffy at best.   73

____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

278. [htaprs] WIDE only digis [Was: APRS Coverage WQ1O-3?]

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 28 Aug 1999 11:51:14 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36828-1999.08.28-12.15.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all

Bob B. wrote:

>Its time to weed out those old digis. Maybe we should feedback non
>RELAY compliant digis back to Jeff for the DIGIS.POS file so that they
>can be clearly displayed as non-compliant...?

     In theory, at least, shouldn't these older TNC's (that lack the capability of more than one alias) be shown as a little green star? The problem with these is that, by-and-large, they are TNC's that cannot be upgraded with relatively modern firmware (either PacComm/MFJ or Kantronics) because they're incompatible with such chips. The alternative is that their owners would either have to replace the TNC's, which may be a logistical or financial burden, or to take them out of service which would create a hole in the network.

     Yes, these WIDE-only digis are not compliant with the latest advances in the art of the APRS network, but they still serve a useful role in it. But unless or until their owners can upgrade them (if feasible) they still serve as they were intended to. They just don't have all the bells and whistles a new KPC-3 Plus has. IMO, they do not have such a negative impact on the network that they should be removed from service even within a network that is mainly composed of WIDEn TNC's. Ask the poor ham whose only reliable path into that network is via that WIDE. 73

____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

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279. [htaprs] Re: THANK YOU TH-D7/AO-27

From: GPersons <railfan@flash.net>
Date: Sat, 28 Aug 1999 13:33:24 -0500

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36840-1999.08.28-13.43.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry, I didn't explain well.
I don't worry about doppler on the vhf side. I turn off the volume on the A band (vhf) using the bal control. Also, open the squelch on the b band. This is done using the function button and the squelch button on the side of the radio.
Don't worry about duplex for AO27. I have tried it with the duplex control on and the duplex control off. Frankly, I can't tell the difference. The only thing that full duplex will do for you is to let you hear your own voice through the bird. If you get through and some else hears you , you will know it because they will come back to you. Do not call CQ. I have the best luck saying this: "This is KD5DAY, Echo Mike 12, QRP".Of course, you can always call someone you hear. Unless you use a set of headphones, you will get feedback and cause more QRM into the bird.

As far as shifting the A band frequencies, you will know when it is time to change frequencies. The downlink will become garbled and at that point, shift down 5 kc.

You don't have to keep shifting back and forth between the A and B bands. Keep the radio on the A band for TX and listen on the B band with the Squelch open. The only time you need to change to the b band is to change frequencies. Also, the data band has nothing to do with working satellites.

Don't over complicate this operation. It ain't that tough. The hard part is getting into the bird. I tried for a month, every chance I had, before I was successful in making my first contact. Don't give up. It is a VERY doable thing. Don't let anybody tell you can't talk through AO 27 with only 5 watts. I do it all of the time.

Good luck.

73 Gary

mAt 12:46 PM 8/28/99 EDT, you wrote:
>SIR:
>
>THANKS!
>
>USING YOUR EXAMPLE ON THE TH-D7, WOULD I LISTEN IN THE B BAND (UHF) (USING
>VARIOUS MEMORY CHANNELS FOR THE APPROPRIATE DOPPLER),   AND THEN WHEN ITS
>TIME TO TX,   WOULD I HAVE TO
>PUSH THE A/B BUTTON TO SWITCH OVER TO VHF?   WOULD YOU STILL
>BE ABLE TO RX ON UHF, OR, AFTER YOUR "HELLO,"   PUSH THE A/B
>BUTTON TO LISTEN ON UHF AGAIN?
>
>IS THIS SOLVED SOMEHOW BY THE FULL DUPLEX MODE OUTLINED ON
>PAGE 55 OF THE MANUAL? (DO YOU CHANGE THE DATA BAND TO B)?
>
>THANK YOU FOR YOUR PATIENCE AND ANY HELP!
>
>BOB KE6TIV
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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280. [htaprs] Re: THANK YOU TH-D7/AO-27

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 28 Aug 1999 14:41:57 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-36844-1999.08.28-13.51.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 28 Aug 1999, GPersons wrote:

> Don't over complicate this operation. It ain't that tough. The hard part is
> getting into the bird. I tried for a month, every chance I had, before I
> was successful in making my first contact. Don't give up. It is a VERY
> doable thing. Don't let anybody tell you can't talk through AO 27 with only
> 5 watts. I do it all of the time.

On weekends the above is probably true. Its a zoo. Just listen.

HOWEVER, During the weekdays it always works. SOmetimes you even hear
dead-air between voices!

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281. [htaprs] Re: THANK YOU TH-D7/AO-27

From: GPersons <railfan@flash.net>
Date: Sat, 28 Aug 1999 13:48:59 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36845-1999.08.28-13.58.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Point well taken Bob. However, I have had trouble getting into the bird on
weekdays also! I have not been active on AO27 very much this summer because
it has been so dad blasted hot here in Texas. However, when it cools off, I
plan to get active on the bird again.

C'YA soon.

73 Gary

At 02:41 PM 8/28/99 -0400, you wrote:
>On Sat, 28 Aug 1999, GPersons wrote:
>
>> Don't over complicate this operation. It ain't that tough. The hard part is
>> getting into the bird. I tried for a month, every chance I had, before I
>> was successful in making my first contact. Don't give up. It is a VERY
>> doable thing. Don't let anybody tell you can't talk through AO 27 with only
>> 5 watts. I do it all of the time.
>
>On weekends the above is probably true. Its a zoo. Just listen.
>
>HOWEVER, During the weekdays it always works. SOmetimes you even hear
>dead-air between voices!
>
>
>

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282. [htaprs] Re: Transmitting before GPS lock (was:Re: Still having problems....)

From: Ralph <rwf@bsrg.org>
Date: Sat, 28 Aug 1999 17:04:59 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36863-1999.08.28-18.15.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRS+ has a user configurable setting to ignore or not
It is very useful

Ralph

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283. [htaprs] Arrow Antenna?

From: "Steve Prior" <sprior@nfdc.net>
Date: Sun, 29 Aug 1999 06:47:29 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36932-1999.08.29-05.58.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What is or where does one find one of these arrow antennas?
Thanks
Steve
N3UYI

284. [htaprs] Running Events

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 29 Aug 1999 11:41:54 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37009-1999.08.29-10.52.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just completed another APRS 10K run using APRSdr to automatically move
many of the runners around the course. By letting it Dead-Reckon the
following Objects, that left the APRS GPS trackers to do the SAG vehicles
etc. We let APRSdr predict-track-and transmit to everyone the following:

  LEAD
  Pack
  Hdkpd (Lead Wheelchair)
  Female
  Juggler (one guy always juggles tennis balls the whole way)
  Any other runners identifiable enough to mention.. (few)

We had trackers on TAIL, SAG1, SAG2 and SAG3. ANd THD7's and two
Mic-Lites on HT-walking-shadows for VIP's.

Even though APRSdr is an APRSdos derivitave, remember, it is only seen by
its operator. Everyone else whether it be Mac/Win/+SA/Pocket and THD7's
will see these objects as if they were real... on their maps.

For more info, read DR.TXT included in all the APRS README files.

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285. [htaprs] Re: Arrow Antenna?

From: Robert Manak <rmanak@execpc.com>
Date: Sun, 29 Aug 1999 11:43:51 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37028-1999.08.29-11.54.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Very nice portable antennas.

               Arrow Antenna
            Allen Lowe, N0IMW
       1803 S. Greeley Hwy, #B
        Cheyenne, WY 82007
             (307) 638-2369
        FAX: (307) 638-3521
      ARROW146@AOL.COM

http://members.aol.com/_ht_a/Arrow146/arrowii.html

73 bob
AA9JW

At 06:47 AM 8/29/99 -0400, you wrote:
>What is or where does one find one of these arrow antennas?
>Thanks
>Steve
>N3UYI

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286. [htaprs] Mac -> D7A serial cable

From: "John Zaruba AA2BN" <aa2bn@amsat.org>
Date: Sun, 29 Aug 1999 15:2:35
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37052-1999.08.29-15.12.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Group,

Does anyone have a wiring diagram for a cable to connect a Mac serial(Geo)
port to the TH-D7A PC port?

Thanks and 73 de John AA2BN

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287. [htaprs] Re: Mac -> D7A serial cable

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 29 Aug 1999 16:10:29 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37054-1999.08.29-15.20.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 8/29/99 3:02 PM, John Zaruba AA2BN (aa2bn@amsat.org) passed this
wisdom:

>Hello Group,
>
>Does anyone have a wiring diagram for a cable to connect a Mac serial(Geo)
>port to the TH-D7A PC port?
>
>Thanks and 73 de John AA2BN
>

you really don't want to try to mess with soldering in a mini din 8 do
you ????? I just wired to a DB-25 and plugged it into a Mac serial cable.

Brian B. Riley --> http://members.macconnect.com/~brianbr
For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"Patriotism is the last refuge of the scoundrel" -- Samuel Johnson
"With all due respect to an enlightened but inferior lexicographer I
beg to submit that it is the first."
-- Ambrose Bierce's commentary on Johnson's definition.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

288. [htaprs] Re: Arrow Antenna?

From: GPersons <railfan@flash.net>
Date: Sun, 29 Aug 1999 16:52:52 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37081-1999.08.29-17.02.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/enriched

Be sure you get the model with the built in duplexer. Unless you are
going to run a lot of power, this one is the ticket. The duplexer is good
for only ten watts. Plenty of power to work AO 27. He is also now
offering a model that has a split boom. Great for traveling. Fits right
in a suitcase. Broke mind down and took it to California.

Hope this helps!

73 de KD5DAY

See ya on the birds!

Gary

At 06:47 AM 8/29/99 -0400, you wrote:

>>>>

<excerpt>What is or where does one find one of these arrow antennas?
Thanks Steve N3UYI

</excerpt>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

289. [htaprs] Re: Mac -> D7A serial cable

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sun, 29 Aug 1999 17:22:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-37089-1999.08.29-17.31.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Hello Group,
>
>Does anyone have a wiring diagram for a cable to connect a Mac serial(Geo)
>port to the TH-D7A PC port?

how about a Radio Shack 9 pin to 25 pin rs-232 adapter ?
use a Radio Shack null modem adapter and gender changer if xmit/rec pins need to be swapped or you need a different sex of plug.

No wiring needed.

Note : GPS input direct to MAC will need a small change to normal cables
as the Mac input is RS-422 and the GPS output is TTL (zero to 4 volts) the
GPS output doesn't swing negative.

I use a serial PCMCIA card on my MAC and it has a std PC 9 pin DB-9 socket.

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

290. [htaprs] Re: Mac -> D7A serial cable

From: "Brian G. Roode" <bgroode@uci.edu>
Date: Sun, 29 Aug 1999 22:33:18 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-37169-1999.08.30-00.40.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You can buy a Macintosh "Imagewriter" printer cable ($1-10?) which has
mini DIN 8's on both sides. Cut the cable in two, ohm out the pins you
want to use and you're set.

Brian Roode
KA6CCF

"Brian B. Riley" wrote:
>
> On 8/29/99 3:02 PM, John Zaruba AA2BN (aa2bn@amsat.org) passed this
> wisdom:
>
> >Hello Group,
> >
> >Does anyone have a wiring diagram for a cable to connect a Mac serial(Geo)
> >port to the TH-D7A PC port?
> >
> >Thanks and 73 de John AA2BN
> >
>
> you really don't want to try to mess with soldering in a mini din 8 do
> you ????? I just wired to a DB-25 and plugged it into a Mac serial cable.
>
> Brian B. Riley --> http://members.macconnect.com/~brianbr
> For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>
>

>   "Patriotism is the last refuge of the scoundrel" -- Samuel Johnson
>   "With all due respect to an enlightened but inferior lexicographer I
>   beg to submit that it is the first."
>   -- Ambrose Bierce's commentary on Johnson's definition.
>
> ---
> You are currently subscribed to htaprs as: bgroode@uci.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

291. [htaprs] Mac to GPS or D7a cable making

From: Robert Winingham <kc5ejk@onramp.net>
Date: Mon, 30 Aug 1999 02:14:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37170-1999.08.30-02.25.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

See:

http://www.gpsy.com/cables/index.html

and

http://www.gpsy.com/docs/GPSy3-GettingStarted.hqx
for very good MAC cable making text picts

and check out:

Can I power my GPS off my GeoPort?
How do I hook up a GPS receiver to my USB port?
Can I use my Palm Pilot adaptor as a generic GPS adaptor?
http://www.gpsy.com/faq/hardware.html#generic

Note that serial ports vary in their sensitivity. So your GPS may work with a homebrew cable on your
desktop but not work properly on your
laptop or co-worker's machine -- especially if Pin 8 is shorted to ground.

Don't know if you need a Garmin III of a street pilot then
see
http://www.gpsy.com/faq/gps-units.html
Frequently Asked Questions (FAQ) on GPS Unit Recommendations

or for firmware updates to garmin using A mac:

How can I use VirtualPC / SoftWindows to upload MapSource maps or flash the firmware on my Garmin?

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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292. [htaprs] Re: Mac -> D7A serial cable

From: KC2EAW@aol.com
Date: Mon, 30 Aug 1999 11:15:47 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37212-1999.08.30-10.26.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

htaprs@lists.tapr.org 8/30/99 12:52 AM htaprs@lists.tapr.org

>Subject: Mac -> D7A serial cable
>From: "John Zaruba AA2BN" <aa2bn@amsat.org>
>Date: Sun, 29 Aug 1999 15:2:35
>X-Message-Number: 4
>
>Hello Group,
>
>Does anyone have a wiring diagram for a cable to connect a Mac serial(Geo)
>port to the TH-D7A PC port?
>
>Thanks and 73 de John AA2BN

>
>--
If you surf over to www.gpsy.com, they have an adapter cable that will
work with just about any PC Cable. I use it with the cable that came with
my Garmin III+, my Yaseu cable, (programming software for my VX-1 with
Virtual PC), and the PC connector cable and software (also with Virtual
PC) for the VH-V7A. Best $14.95 (plus shipping) I ever spent. Beats the
hell outta trying to solder all those small connectors. (Big hands, 40+
year old eyes, and a lot less patience than I used to have.)

While your there, take a look at GPSY. Very cool software for working
with many gps units. Sorry guys Mac only. I'm looking at it to see how
and if I can make APRS and Street Atlas for Mac work together.

BTW; While we're taking about cables, what are the rest of you doing for
PocketAPRS Cables? From looking around, it seems the easiest way is to
buy a hotsync cable, cut off the end, and stick one of those mini 3
connector plugs from Mouser on it.

73 de KC2EAW
Dan Speranzo

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293. [htaprs] Mobile Power Supply Problem

From: KC2EAW@aol.com
Date: Mon, 30 Aug 1999 11:15:46 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37213-1999.08.30-10.26.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All;
Broke down and bought V7A last week. Got it all connected OK to Garmin
III+. (Boy are those fine wires a pain in the rump!) Everything worked
fine until I got the idea that 12V is 12V and went to radio shack and
picked up a universal cigar lighter plug with the correct sized and
polarity plug.

I left everything on for a few hours and after a while (I think when the
battery voltage dropped) the v7a lost its mind and started to transmit
NOCALL packets. The packets still had the correct position data.

Question is: Does the Kenwood cigar lighter adapter have something
special to it? I'm using a proven external antenna on the truck. After
charging the battery, I gave it a shot and it seems to work fine again.
Any suggestions would be appreciated.

Thanks de KC2EAW
Dan Speranzo

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294. [htaprs] Re: Mac -> D7A serial cable

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 30 Aug 1999 11:50:47 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37229-1999.08.30-11.01.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 8/30/99 1:33 AM, Brian G. Roode (bgroode@uci.edu) passed this wisdom:

>You can buy a Macintosh "Imagewriter" printer cable ($1-10?) which has
>mini DIN 8's on both sides. Cut the cable in two, ohm out the pins you
>want to use and you're set.

  $1-10 --- used maybe but over the counter its $20 most places,
occasionally $15. catalog hopues have them cheaper, some places under
$10, but then ther is shipping!

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

   "If you can't believe what you read in comic books, what can
    you believe?" -- Bullwinkle J. Moose

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295. [htaprs] Re: Arrow Antenna?

From: Arte Booten <n2zrc@webspan.net>
Date: Sun, 29 Aug 1999 19:06:53 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37256-1999.08.30-14.17.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Robert M. wrote:

>Very nice portable antennas.
>
>   Arrow Antenna
>   Allen Lowe, N0IMW
>   1803 S. Greeley Hwy, #B
>   Cheyenne, WY 82007
>   (307) 638-2369
>   FAX: (307) 638-3521
>   ARROW146@AOL.COM
>
>http://members.aol.com/_ht_a/Arrow146/arrowii.html

     They also make several very nice corner reflector antennas for 2M,
220, 440 and a 144/440 dual-bander. While the forward gain on them is
not particularly impressive (10Dbd), they have a 40+ Db f/b ... useful
if you happen to live in an RF-unfriendly environment. And they're made
like brick $#!+houses. Heavy-gauge 1" aluminum square booms, solid 1/4
inch aluminum rods for elements and reflectors and 1/4 inch machined al-
uminum brackets. Stainless hardware throughout (elements are secured
to the booms with 3/32 stainless screws that screw into threaded holes
in both the booms and elements!)

     I own their dual-bander, which comes with the Larsen duplexer. I
also ordered it with N connectors (each band has a separate feedpoint
and can have its own coax if desired) although they normally come with
SO-239's.

     The biggest drawback to these antennas is that all the weight is
on one side of the mast ... And, due to all the elements and their diam-
eter, that's a bunch of sail surface. Still, the Radio Shack TV antenna
rotator (same as the Philips) turns it okay, though I have to spin it a-
round a few times after a windstorm to get it pointing in the right di-
rection!   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

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296. [htaprs] Re: Mobile Power Supply Problem

From: Jon Ogden <jono@enteract.com>
Date: Mon, 30 Aug 99 14:26:08 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37258-1999.08.30-14.36.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KC2EAW@aol.com wrote:

>
>Question is: Does the Kenwood cigar lighter adapter have something
>special to it?

YES! DO NOT hook the D7A directly to your auto's electrical system. The
Kenwood adapter has some special filtering in it. What happens is any RF
or noise that gets on the electrical line screws up the radio. It makes
the processor in the radio do bad things. The result is doo-doo.

So break down and buy the Kenwood adapter ($36.00! - OUCH!). It is well
worth it and saves you from headaches.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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297. [htaprs] Re: Mac -> D7A serial cable

From: "Ray Rischpater, KF6GPE" <dove@lothlorien.com>
Date: Mon, 30 Aug 1999 21:16:08 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37352-1999.08.30-23.26.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Subject: Mac -> D7A serial cable
> From: "John Zaruba AA2BN" <aa2bn@amsat.org>
> Date: Sun, 29 Aug 1999 15:2:35
> X-Message-Number: 4
>
> Hello Group,
>
> Does anyone have a wiring diagram for a cable to connect a Mac serial(Geo)
> port to the TH-D7A PC port?
>
> Thanks and 73 de John AA2BN

I've done it four ways, actually:
- Break out a Mac modem cable (as Brian suggested) and put in the necessary adapters.
- Use a Socket Serial I/O PC Card (expensive, but well worth the money for general serial putzing with my G3) if you've got a
laptop.
- Wire one -- the easiest way is to NOT mess around with the mini-Din, which I can't solder well, but to go get a Stylewriter cable
and cut it in half, and solder a stereo connector on the other side. For wiring it, I rung out a Hayes Modem cable. The ZTerm
manual also has pinouts.
and... my favorite:
- For about $12.99, you can get a one-inch pigtail adapter from 3Com -- it's their "Macintosh PalmPilot Synchronization Kit", and
the pigtail is what you need to go from Mac to a PC DB-9. It's well worth the money if you've got a laptop, because it's small,
useful everywhere, and (relatively) cheap.

73 de KF6GPE

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298. [htaprs] Questions about new D7A

From: Craig Bernstein <craigb@best.com>
Date: Tue, 31 Aug 1999 02:01:58 -0700 (PDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37379-1999.08.31-04.12.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello, list!

I recently bought a D7A, and I have a few questions.

First, to be honest, I'm not very happy with it. I think that in addition to the problems I mention below, the documentation is terrible and the user interface is very poorly designed.

Small inconveniences like APRS reports stepping on the display when you are trying to do something and having to either hear a beep for every new incoming APRS packet or not hear one at all even if you get an APRS message addressed to you really add up to a lot of frustration.

Okay, I will stop crying now. My questions...

1. When I program my position manually and watch the IGATE traffic, the position I see on the IGATE is incorrect. The longtitude on the D7 display is different than what goes out over the IGATEs (and is visible on WinAPRS). From what I can find on the web, this may have something to do with the MIC-E encoding not being compatible with all TNCs, but as far as I can tell from the manual the encoding cannot be changed on the D7. Am I on the right track, or has my HT just gone nutty?

2. Is the Kenwood software from the website supposed to work with NT? I can not get it to work. I know the serial port and cable are fine, because I can connect to the TNC in packet mode. I get serial port not available if the HT is in TNC off or APRS mode, and incorrect radio type if the TNC is in packet mode. Since there's no decent documentation available on the web, my ability to troubleshoot here is limited.

3. Does KISS mode really work? I can not figure out how KISS can work with no hardware flow control. XON/XOFF are just like any other character in KISS and should be passed through to the TNC. So there is no flow control, which is bad. Am I missing something here? Has anyone really managed to get a D7A to work in KISS mode?

Maybe I just went wrong here and should return the D7 and pick up a Yaesu VX-5R or something without the APRS features that is smaller, more functional, and cheaper? Is the D7 just still a little bit "first generation" and appropriate for APRS diehards only? Or are the problems I am having solvable and I need to hang in there? I would welcome both D7 related comments in this forum and maybe recommendations for a better overall HT or any other comments not on topic for this list via private e-mail.

Thanks in advance for any advice or assistance...

--
...Craig Bernstein, N6OPK

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299. [htaprs] Re: Questions about new D7A

From: Roger Barker <roger@peaksys.demon.co.uk>
Date: Tue, 31 Aug 1999 11:42:05 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37383-1999.08.31-06.08.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-37379-1999.08.31-04.12.06--roger#peaksys.demon.co.u
k@lists.tapr.org>, Craig Bernstein <craigb@best.com> writes
>3. Does KISS mode really work? I can not figure out how KISS can work
>with no hardware flow control. XON/XOFF are just like any other character
>in KISS and should be passed through to the TNC. So there is no flow
>control, which is bad. Am I missing something here? Has anyone really
>managed to get a D7A to work in KISS mode?

You don't need any flow control for KISS. To quote the original KISS

spec "One of the things that makes the KISS TNC simple is the deliberate
lack of TNC/host flow control."

However, KISS doesn't work properly on the TH-D7E (the European
version), so presumably it also doesn't work on the TH-D7A. It will
receive, but it won't transmit.

--
Roger Barker, G4IDE roger@peaksys.demon.co.uk
Boston, UK   http://www.peaksys.demon.co.uk

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300. [htaprs] Re: Questions about new D7A

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Tue, 31 Aug 1999 10:01:04 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37420-1999.08.31-10.12.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> 2. Is the Kenwood software from the website supposed to work with NT? I
> can not get it to work. I know the serial port and cable are fine,
> because I can connect to the TNC in packet mode. I get serial port not
> available if the HT is in TNC off or APRS mode, and incorrect radio type
> if the TNC is in packet mode. Since there's no decent documentation
> available on the web, my ability to troubleshoot here is limited.

Flip TX and RX. In every case I've seen, this is the problem. Confusing
docs.

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301. [htaprs] Re: Mobile Power Supply Problem

From: KC2EAW@aol.com
Date: Tue, 31 Aug 1999 11:01:38 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37421-1999.08.31-10.14.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: nihuber@ice.net (Norman Huber)
>Reply-to: nihuber@ice.net
>To: KC2EAW@aol.com
>Does your plug stay on with the key off? If I have the external power
>plugged into my D7A It goes off as soon as the external power is lost. The
>plug in the side bypasses the battery on the radio.
>snip
Double checked this. The plugs stay hot with the key out. American car
manufacturers (My Ford) seem to leave them on, Japanese cars seem to turn
them off with the key. (Wife's Acura and Dad's Toyota are the only
vehicles actually tested!)

>By the way, after a bout with the instructions that had the right color
>wires but the wrong schematic I have mine wired with the power to both the
>Garman and the D7A with a inline choke in the positive wire and it appears
>to work with no problems. This has the added advantage to allow me to turn
>on the backlight on both units at night.

I did wire power to the garmin connector too. That seems to work fine.
The VHF antenna is at the back of the truck on the roof (MFJ Mag mount -
works great). I bought a GPS antenna extension cable somewhere on the
net. It moves the GPS antenna from the unit to a suction cup mount on the
inside of the windshield. Maybe I'll have to try the in line choke
routine.

>From: jono@enteract.com (Jon Ogden)
>To: KC2EAW@aol.com, htaprs@lists.tapr.org (TAPR HT APRS Special Interest
>Group)
>KC2EAW@aol.com wrote:
>
>>
>>Question is: Does the Kenwood cigar lighter adapter have something
>>special to it?
>
>YES! DO NOT hook the D7A directly to your auto's electrical system. The

>Kenwood adapter has some special filtering in it. What happens is any RF
>or noise that gets on the electrical line screws up the radio. It makes
>the processor in the radio do bad things. The result is doo-doo.
>
>So break down and buy the Kenwood adapter ($36.00! - OUCH!). It is well
>worth it and saves you from headaches.
>
>73,
>
>Jon
>KE9NA
>
After a bit more testing - it appears that the V7A likes to be fully
charged before trying to run it from external (car) power. Looks like the
radio can't get enough power through the connector to run the radio with
a dead (or close to dead) battery. With a fully charged V7A battery, the
cigar lighter plug worked fine. Not a hitch, but I only ran it for about
40 minutes so far.

Maybe If I try to run the radio with no battery (get the AA cell adapter
& leave it empty) if car current alone will run the radio OK. (Could it
be splitting the current between charging the battery any running the
radio?)

Secondly - I have a regulator/filter cigar lighter adapter from Icom for
a W-32A that is the same plug size and polarity as the Kenwood. Don't
remember what I paid for it. But if it's basically the same animal, why
buy another?

Thoughts and suggestions?

Thanks de KC2EAW
Dan Speranzo

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302. [htaprs] Re: Questions about new D7A

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 31 Aug 1999 13:52:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: craigb@best.com
Message-ID: <LYR845-37437-1999.08.31-14.02.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>1. When I program my position manually and watch the IGATE traffic, the
>position I see on the IGATE is incorrect. The longtitude on the D7
>display is different than what goes out over the IGATEs (and is visible on
>WinAPRS). From what I can find on the web, this may have something to do
>with the MIC-E encoding not being compatible with all TNCs, but as far as
>I can tell from the manual the encoding cannot be changed on the D7. Am I
>on the right track, or has my HT just gone nutty?

The D7a uses Deg and decimal Mins   32 d 23.77 min if you think the last set
is secs THEN that will make a small error.

There is a range of lon/lat that Mic-e will round but that makes a very
small error. ftp://ftp.tapr.org/mic-e/docs/mic-e.manual.pdf

If you could send an exact example of what you are seeing it would help.

>
>2. Is the Kenwood software from the website supposed to work with NT? I
>can not get it to work. I know the serial port and cable are fine,
>because I can connect to the TNC in packet mode. I get serial port not
>available if the HT is in TNC off or APRS mode, and incorrect radio type
>if the TNC is in packet mode. Since there's no decent documentation
>available on the web, my ability to troubleshoot here is limited.

PG-4W Connection Cable to Computer, with CD and separate 180p manual.

Might be better to get the data cable and official CD with the real version
of the program and the CD's full documentation. Try Win-95 next.

I have to run the 0.01 BETA D7a software under Softwindows-95
to get it to work on my MAC. It does run fine.

Some comm programs/Computer OS want the RS-232 handshake lines to be high
even if you don't use them. I had to always jumper 4 to 5 and 6 to 20 to get
25 pin RS-232 serial ports to work- (different pins on a DB-9)

>3. Does KISS mode really work?

I don't use KISS but a quick check of this groups mail archive seems
to show no one that has reported getting it to work.

The Kenwood software is interesting but not needed when you first
start to use the unit. If I had more information stored in the unit
I might want to have a backup.

There are one or two users programs that access the D7A (NON-APRS)
1. THD7V2
http://kg7il.foxinternet.net/ham/thd7/D7Control.htm
I think this is the correct link for the KG7IL D7Control Program

2.http://www.radiohound.com/d7zpinfo.htm

3. THD7 - Perl module providing control to a Kenwood TH-D7 radio via serial port
   http://fastolfe.net/ham/THD7.pm
   http://fastolfe.net/ham/thd7.html

A. see postings by Darryl Smith

B. http://www.jgav.com/aprs/thd7a.htm
    Kenwood TH-D7A supplied cable for GPS or PC hookup.

C. http://www.best.com/~wdunckel/thd7.html

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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303. [htaprs] 1750 hz tone burst & aprs in England

From: Howard Hecht <st_rider@csi.com>
Date: Tue, 31 Aug 1999 21:49:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37496-1999.08.31-21.01.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I understand it's necessary to have 1750 hz tone burst to access
repeaters in England. Can anyone confirm this?

Kenwood says the American version of the D7 isn't capable of 1750 hz
tone burst. Anyone know a work around?

Is there aprs activity in England?

I'm going to be there for 10 days in a couple of weeks and am planning
on carrying the D7 and Garmin III+. But if can't access repeaters and
there's no aprs, will have to reconsider.

Tnx es 73,

Howard

--

Help find the cause of and cure for
Pediatric Brain Tumors
http://go.to/nerfk

If you attended NERFK '99
THANK YOU from the kids for the
$61,000.00 for children's cancer research

Join our ride 20 Aug 2000

Howard Hecht   WA1LWD
Milford, CT
Co-Task Force Leader
New England Ride for Kids

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304. [htaprs] Re: Mobile Power Supply Problem

From: Jon Ogden <jono@enteract.com>
Date: Tue, 31 Aug 1999 22:08:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37509-1999.08.31-22.19.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KC2EAW@aol.com wrote:

>After a bit more testing - it appears that the V7A likes to be fully
>charged before trying to run it from external (car) power. Looks like the
>radio can't get enough power through the connector to run the radio with
>a dead (or close to dead) battery. With a fully charged V7A battery, the
>cigar lighter plug worked fine. Not a hitch, but I only ran it for about
>40 minutes so far.

I hope you mean "D7A."

Anyhow, it shouldn't matter what level the battery is at. My battery is
attached to the radio all the time and the radio is attached to the
Kenwood adapter. I have no problems even when I pull the radio out of
the car and use it for a while.

So I don't know about the problem you see. It doesn't make sense.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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305. [htaprs] Re: Questions about new D7A

From: Jon Ogden <jono@enteract.com>
Date: Tue, 31 Aug 1999 22:13:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37511-1999.08.31-22.23.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Craig Bernstein wrote:

>I recently bought a D7A, and I have a few questions.
>
>First, to be honest, I'm not very happy with it. I think that in addition
>to the problems I mention below, the documentation is terrible and the

>user interface is very poorly designed.

That's too bad. I first thought the interface sucked as well. However,
once you get used to it, it really works nicely. Now it's not even a
second thought. The only annoying thing is to have to hit two buttons to
adjust the squelch. But then again, I don't adjust it much.
>
>Small inconveniences like APRS reports stepping on the display when you
>are trying to do something and having to either hear a beep for every new
>incoming APRS packet or not hear one at all even if you get an APRS
>message addressed to you really add up to a lot of frustration.

OK, the beep functionality is far from perfect. However, if you turn the
beep to "KEY" only, it will beep at you when your GPS locks AND when you
get a new message. I am quite sure of that. It will not beep for packet
reports though.

As for the packets display interfering with the PTT function, we
mentioned this to Kenwood at Dayton. They had no idea of this problem.
I'd expect some of these little things to be fixed in future firmware
releases.

The D7A is a GREAT radio especially for APRS. Get used to it. Many
people I know HATE the VX-5R as it is too small a radio. I wouldn't
trade my D7 for all the tea in China.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

September 1999

Original source file: htaprs.9909
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9909

1. [htaprs] Re: 1750 hz tone burst & aprs in England

From: Roger Barker <roger@peaksys.demon.co.uk>
Date: Wed, 1 Sep 1999 09:54:19 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37560-1999.09.01-04.14.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-37496-1999.08.31-21.01.14--roger#peaksys.demon.co.u
k@lists.tapr.org>, Howard Hecht <st_rider@csi.com> writes
>Hi,
>
>I understand it's necessary to have 1750 hz tone burst to access
>repeaters in England. Can anyone confirm this?

All UK repeaters are allocated a CTCSS tone. Being only a very
occasional user of repeaters I'm not sure what the situation is
regarding whether they have all implemented CTCSS, but a lot certainly
have.

>Is there aprs activity in England?

APRS activity over here is at a fairly low level but growing quite
quickly. It tends to be a bit patchy, so how much you hear is going to
depend on what area you are in. The 2m APRS frequency is 144.800.

--
Roger Barker, G4IDE roger@peaksys.demon.co.uk
Boston, UK   http://www.peaksys.demon.co.uk

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

2. [htaprs] aprs op in England

From: Howard Hecht <st_rider@csi.com>
Date: Wed, 01 Sep 1999 10:45:10 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37582-1999.09.01-09.57.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gang,

>From Roger Barker, G4IDE, I've learned the aprs freq for England is
144.8. Planned to operate the D7A/GPSIII+ combo, but have come up with
what appears to exclude my ability to legally operate aprs there.

The CEPT agreement reqires the following callsign format: G/WA1LWD/M (M
for mobile, or P for portable). Count the characters - 10. D7A limit -
9!

Any thoughts?

Howard

--
Help find the cause of and cure for
Pediatric Brain Tumors
http://go.to/nerfk

If you attended NERFK '99
THANK YOU from the kids for the
$61,000.00 for children's cancer research

Join our ride 20 Aug 2000

Howard Hecht   WA1LWD
Milford, CT
Co-Task Force Leader
New England Ride for Kids

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] Re: aprs op in England

From: Paul Knupke Jr <pknupke@rocketmail.com>
Date: Wed, 1 Sep 1999 09:05:31 -0700 (PDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37596-1999.09.01-11.16.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How about putting it in the beacon text? I know Ralph, N4NEQ was F/ when
the rules changed and maybe he has some input. Sorta like the stations
that use tactical in the MYCALL and in the beacon put the BTEXT.

===

Paul E. Knupke, Jr.
pk@ij.net or pknupke@rocketmail.com
Largo, FL

---Howard Hecht <st_rider@csi.com> wrote:
> Gang,
>
> From Roger Barker, G4IDE, I've learned the aprs freq for England is
> 144.8. Planned to operate the D7A/GPSIII+ combo, but have come up with
> what appears to exclude my ability to legally operate aprs there.
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> for mobile, or P for portable). Count the characters - 10. D7A limit -
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> Any thoughts?
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> Howard
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> Join our ride 20 Aug 2000
>
> Howard Hecht WA1LWD
> Milford, CT
> Co-Task Force Leader
> New England Ride for Kids
>
>
>
> ---
> You are currently subscribed to htaprs as: PK@IJ.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

_____
DO YOU YAHOO!?
Get your free @yahoo.com address at http://mail.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] Re: aprs op in England

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 1 Sep 1999 12:16:17 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-37597-1999.09.01-11.26.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 1 Sep 1999, Howard Hecht wrote:

> >From Roger Barker, G4IDE, I've learned the aprs freq for England is
> 144.8. Planned to operate the D7A/GPSIII+ combo, but have come up with
> what appears to exclude my ability to legally operate aprs there.
>
> The CEPT agreement reqires the following callsign format: G/WA1LWD/M (M
> for mobile, or P for portable). Count the characters - 10. D7A limit -
> 9!

The AX.25 adressing scheme in ALL TNC's world wide has the same
restriction. This is AX.25 addressing, and does not necessarily have to
match your legal callsign. TO be legal, just put G/WA1LWD/M in your
STATUS text and set the rate to at least once every 10 minutes.

de WB4APR

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] Re: Mobile Power Supply Problem

From: "Tom Clarke" <fclarke@erols.com>
Date: Wed, 1 Sep 1999 12:45:58 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37602-1999.09.01-11.56.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, there is certainly something strange in the power circuit. When my
battery runs down, the radio will not respond to the on/off switch! It
won;t turn off! Just cycles mindlessly on and off until I put it on
external power and turn it off. Charge up the battery and all is well
again. Besides, who said it had to make sense!! It's all in fun, right?

73 de Tom/W4OKW

-----Original Message-----
From: Jon Ogden <jono@enteract.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Tuesday, August 31, 1999 11:09 PM
Subject: [htaprs] Re: Mobile Power Supply Problem

>KC2EAW@aol.com wrote:
>
>>After a bit more testing - it appears that the V7A likes to be fully
>>charged before trying to run it from external (car) power. Looks like the
>>radio can't get enough power through the connector to run the radio with
>>a dead (or close to dead) battery. With a fully charged V7A battery, the
>>cigar lighter plug worked fine. Not a hitch, but I only ran it for about
>>40 minutes so far.
>
>I hope you mean "D7A."
>
>Anyhow, it shouldn't matter what level the battery is at. My battery is
>attached to the radio all the time and the radio is attached to the
>Kenwood adapter. I have no problems even when I pull the radio out of
>the car and use it for a while.
>
>So I don't know about the problem you see. It doesn't make sense.
>
>73,
>
>Jon
>KE9NA
>
>
>-------------------------------------
>Jon Ogden

>KE9NA
>
>http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!
>
>
>"A life lived in fear is a life half lived."
>
>
>---
>You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] Re: Questions about new D7A

From: "Tom Clarke" <fclarke@erols.com>
Date: Wed, 1 Sep 1999 12:53:46 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37603-1999.09.01-12.04.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon's point is a good one. All these gizmos are a balance of compromises.
If a radio tried to be everything to everybody it probably would be the size
of a refrigerator and cost a megabuck!!

I also have become quite fond of my D7A, quirks and all. I really liked an
Icom T-8A, but it had horrible rejection of pagers etc. I wound up with a
VX-5R. It isn't as "user friendly" with it's arcane button nomenclature,
but it handles the intermod a bit better than the Icom (which in itself is
strange, as I have always had great luck with Icoms).

ymmv, have fun!

73 de Tom/W4OKW

-----Original Message-----
From: Jon Ogden <jono@enteract.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Tuesday, August 31, 1999 11:14 PM
Subject: [htaprs] Re: Questions about new D7A

>Craig Bernstein wrote:
>
>>I recently bought a D7A, and I have a few questions.
>>
>>First, to be honest, I'm not very happy with it. I think that in addition
>>to the problems I mention below, the documentation is terrible and the
>>user interface is very poorly designed.
>
>That's too bad. I first thought the interface sucked as well. However,
>once you get used to it, it really works nicely. Now it's not even a
>second thought. The only annoying thing is to have to hit two buttons to
>adjust the squelch. But then again, I don't adjust it much.
>>
>>Small inconveniences like APRS reports stepping on the display when you
>>are trying to do something and having to either hear a beep for every new
>>incoming APRS packet or not hear one at all even if you get an APRS
>>message addressed to you really add up to a lot of frustration.
>
>OK, the beep functionality is far from perfect. However, if you turn the
>beep to "KEY" only, it will beep at you when your GPS locks AND when you
>get a new message. I am quite sure of that. It will not beep for packet
>reports though.
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>As for the packets display interfering with the PTT function, we
>mentioned this to Kenwood at Dayton. They had no idea of this problem.
>I'd expect some of these little things to be fixed in future firmware
>releases.
>
>The D7A is a GREAT radio especially for APRS. Get used to it. Many
>people I know HATE the VX-5R as it is too small a radio. I wouldn't
>trade my D7 for all the tea in China.
>

>73,
>
>Jon
>KE9NA
>
>
>
>-------------------------------------
>Jon Ogden
>KE9NA
>
>http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!
>
>
>"A life lived in fear is a life half lived."
>
>
>---
>You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

7. [htaprs] [Fwd: aprs op in England]

From: Andy Fu <andyfu@espmail.com>
Date: Wed, Sep 1 1999 10:42:42 GMT-0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37612-1999.09.01-12.51.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Howard,

I was in Birmingham/England two weeks ago and guess what I found - the D7A will NOT accept my CEPT callsign G/AC6GN. The "stroke" character is not a valid callsign. If someone knows how to enter the stroke character, please let me know.

BTW, most voice repeaters in UK now accepts both tone burst and PL tones. Listen for the last character of the station CW ID (after the /) e.g. G3xyz/A. "A" means 67Hz, "B" is the next tone up and so on.
   I was able to use the US version of D7A to work UK's repeaters.

Have fun.

-Andy-
AC6GN

>
>From: st_rider@csi.com
>Date: Wed, 01 Sep 1999 10:45:10 -0700
>To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
>Subject: [htaprs] aprs op in England
>
>Gang,
>
>From Roger Barker, G4IDE, I've learned the aprs freq for England is
>144.8. Planned to operate the D7A/GPSIII+ combo, but have come up with
>what appears to exclude my ability to legally operate aprs there.
>
>The CEPT agreement reqires the following callsign format: G/WA1LWD/M (M
>for mobile, or P for portable). Count the characters - 10. D7A limit -
>9!
>
>Any thoughts?
>
>Howard
>
>--
>Help find the cause of and cure for
>Pediatric Brain Tumors
>http://go.to/nerfk
>
>If you attended NERFK '99
>THANK YOU from the kids for the

>$61,000.00 for children's cancer research
>
>Join our ride 20 Aug 2000
>
>Howard Hecht   WA1LWD
>Milford, CT
>Co-Task Force Leader
>New England Ride for Kids
>
>
>
>---
>You are currently subscribed to htaprs as: andyfu@espmail.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] re: aprs in England

From: Howard Hecht <st_rider@csi.com>
Date: Wed, 01 Sep 1999 14:21:10 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37615-1999.09.01-13.32.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Wow,

So many replies. Thanks!

The concensus seems to be that my call be in mycall, and the "legal"
call be in the status text, set to beacon at least every ten minutes.
Works for me.

Also, for anyonoe interested, I found loads of info on repeaters in
England at http://members.aol.com/rmcweb/rmc.htm

Tnx es 73,

Howard

--
Help find the cause of and cure for
Pediatric Brain Tumors
http://go.to/nerfk

If you attended NERFK '99
THANK YOU from the kids for the
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Join our ride 20 Aug 2000

Howard Hecht   WA1LWD
Milford, CT
Co-Task Force Leader
New England Ride for Kids

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] Re: Mobile Power Supply Problem

From: Jon Ogden <jono@enteract.com>
Date: Wed, 1 Sep 99 15:27:37 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37626-1999.09.01-15.37.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tom Clarke wrote:

>Well, there is certainly something strange in the power circuit. When my
>battery runs down, the radio will not respond to the on/off switch! It
>won;t turn off! Just cycles mindlessly on and off until I put it on
>external power and turn it off. Charge up the battery and all is well

>again. Besides, who said it had to make sense!! It's all in fun, right?

Well, this is true. The radio does not like a low battery voltage
situation. I've seen this and the only way to cure it is to remove the
battery from the radio. Sometimes if you hold down the power on button
and keep it pressed it will eventually shut off.

You aren't alone with noticing this!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] Re: Mobile Power Supply Problem

From: "Kraig" <jellybean421@earthlink.net>
Date: Wed, 1 Sep 1999 15:42:16 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37636-1999.09.01-17.52.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have had some problems with my D7A and the connector in the radio for the
cigarette adapter. It is mildly intermittent, especially when I am in my
bouncy Jeep Wrangler. If your connection is not solid, then the radio will
be working off of the radio's battery, even though you think that you are on
the car's power supply. Therefore, if the battery on the radio is down, you
will suffer the problems associated with a low battery.

73, de kd6fff
Kraig
http://www.galaxytheatre.com

"Love does not consist in gazing at each other but in looking together in
the same direction."
Antoine de Saint-Exupéry

----- Original Message -----
From: Jon Ogden <jono@enteract.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Tuesday, August 31, 1999 8:08 PM
Subject: [htaprs] Re: Mobile Power Supply Problem

> KC2EAW@aol.com wrote:
>
> >After a bit more testing - it appears that the V7A likes to be fully
> >charged before trying to run it from external (car) power. Looks like the
> >radio can't get enough power through the connector to run the radio with
> >a dead (or close to dead) battery. With a fully charged V7A battery, the
> >cigar lighter plug worked fine. Not a hitch, but I only ran it for about
> >40 minutes so far.
>
> I hope you mean "D7A."
>
> Anyhow, it shouldn't matter what level the battery is at. My battery is
> attached to the radio all the time and the radio is attached to the
> Kenwood adapter. I have no problems even when I pull the radio out of
> the car and use it for a while.
>
> So I don't know about the problem you see. It doesn't make sense.
>

> 73,
>
> Jon
> KE9NA
>
>
> ------------------------------------
> Jon Ogden
> KE9NA
>
> http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!
>
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: kd6fff@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] Re: Mobile Power Supply Problem

From: "Kraig" <jellybean421@earthlink.net>
Date: Wed, 1 Sep 1999 15:56:10 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37639-1999.09.01-18.06.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is the most annoying thing about the radio. Once it starts flipping on
and off, you better get to it fast or you best be ready to disconnect the
battery. While not a huge problem, much like the APRS data taking over the
display (and operation of the keypad), it is certainly something that
Kenwood should fix in the next upgrade of the firmware.

73, de kd6fff
Kraig
http://www.galaxytheatre.com

"Love does not consist in gazing at each other but in looking together in
the same direction."
Antoine de Saint-Exupéry

----- Original Message -----
From: Tom Clarke <fclarke@erols.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Wednesday, September 01, 1999 9:45 AM
Subject: [htaprs] Re: Mobile Power Supply Problem

> Well, there is certainly something strange in the power circuit. When my
> battery runs down, the radio will not respond to the on/off switch! It
> won;t turn off! Just cycles mindlessly on and off until I put it on
> external power and turn it off. Charge up the battery and all is well
> again. Besides, who said it had to make sense!! It's all in fun, right?
>
> 73 de Tom/W4OKW
>
> -----Original Message-----
> From: Jon Ogden <jono@enteract.com>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Date: Tuesday, August 31, 1999 11:09 PM
> Subject: [htaprs] Re: Mobile Power Supply Problem
>
>
> >KC2EAW@aol.com wrote:
> >
> >>After a bit more testing - it appears that the V7A likes to be fully
> >>charged before trying to run it from external (car) power. Looks like
> the
> >>radio can't get enough power through the connector to run the radio with
> >>a dead (or close to dead) battery. With a fully charged V7A battery, the
> >>cigar lighter plug worked fine. Not a hitch, but I only ran it for about

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> >I hope you mean "D7A."
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> >Anyhow, it shouldn't matter what level the battery is at. My battery is
> >attached to the radio all the time and the radio is attached to the
> >Kenwood adapter. I have no problems even when I pull the radio out of
> >the car and use it for a while.
> >
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> >
> >Jon
> >KE9NA
> >
> >
> >-------------------------------------
> >Jon Ogden
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> >
> >http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!
> >
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> >"A life lived in fear is a life half lived."
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> >---
> >You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
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>
>
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> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] Gainesville to Lakeland

From: John <jwhughes@bellsouth.net>
Date: Wed, 01 Sep 1999 21:36:16 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37653-1999.09.01-21.06.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Heading to lakeland early tomorrow from gainesville. Not sure what kind of
coverage I'll find along the way but keep an eye out for me. ks4xn-7. If
you can, drop me a note and let me know when u saw me and where...

73 de John, ks4xn

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] APRS SSID Listing

From: "Matthew Sickles" <msickles@nortelnetworks.com>
Date: Thu, 2 Sep 1999 08:13:20 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37702-1999.09.02-07.26.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all, I am putting together a local APRS presentation to help our local
area get some more active APRS users. While getting all of my material
ready on subjects ranging from simple tracker-viewing set-ups using the
Internet, to using advanced Digipeating methods, I have run across a snag
that is disallowing me from feeling like I understand the entire scope of
APRS; SSID numbers.

I realize what they are and what the purpose relating to aliasing for Packet
is, but I have searched, searched and searched, and cannot find a
comprehensive listing of SSID #'s and how they relate to APRS.

While traveling across the Southeastern US, I generally see station-9 (car)
station-14 (truck) but other than that I see no rhyme or reason to the
numbering. Is this something that used to be enforced but is now just a
lark?

After searching using multiple internet search engines as well as the TAPR
archives, I have found only vague references to the usage of SSID and the
automatic placement of icons in regards to DOSAPRS.

So, if there is a complete listing of SSID #'s 0-15 that I can refer to
please let me know. This will help out greatly in my presentation to gain
more local APRS users as well as get more exposure for the hobby.

Thanks in advance and best regards to all,

Matt
W2BYV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] Re: APRS SSID Listing

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 2 Sep 1999 08:31:52 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-37708-1999.09.02-07.42.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 2 Sep 1999, Matthew Sickles wrote:

> that is disallowing me from feeling like I understand the entire scope of
> APRS; SSID numbers.

In the early days, there was a default assingment of SSID's to some major
Icons for stand-alone-trackers (they transmit NMEA so there was no format
for ICON type). But then we came up with the GPSxyz format that gave the
ICON in the TOCALL of the packet. These defaults are still used in some
cases.

ALso, we have suggested that users of the THD7 use the -7 just as a quick
eye-catcher so that at a glance, one can infer that he cannot easily sennd
long messages. ALso, it allows you to guess at someone's THD7 call if you
want to send him a message, but have not seen him yet.

Yes, also -9 for mobiles sort of gives the same advantages.

Finally, I prefer the -1 to -9 over the -10 to -15, simply because it
makes the calls shorter by 14% and therefore slightly reduces map clutter.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] Re: Mobile Power Supply Problem

From: "Chris Farmer" <caf7508@ksu.edu>
Date: Thu, 2 Sep 1999 7:37:34
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37709-1999.09.02-07.47.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've seen the same problem while working with the D7As. The external
power socket connection is intermittant, and if left alone for a long time
it has a tendency to lose it's power connection and go to battery power,
then drain the battery while you're not looking.
   The NOCALL is an interesting problem, I've traced it down to this: When
the radio powers up the TNC in either APRS or TNC mode it initializes the
TNC. If either the GPS or the PC port receive serial data during the ~1 to
2 sec initialization, the init fails, and the callsign isn't properly
entered to the TNC. You just have to leave it alone when it initializes.
   Because of the problem with the exernal power, we here at KSU built a
custom mount with power ported in through the battery contacts. The D7A
snapped on just like on a battery pack, and then we powered it through an
external NiMH pack. It worked beautifully. It also served as a heatsink, as
the radio tended to get a little warm after xmitting almost constantly for
13hrs. Pictures of the mount and more info on the system involved are

coming soon.

Chris Farmer
Kansas State University

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] RE: APRS SSID Listing

From: "Matthew Sickles" <msickles@nortelnetworks.com>
Date: Thu, 2 Sep 1999 08:38:00 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-37711-1999.09.02-07.48.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok, so it sounds like that the only recommended or standardized that are
being used today--#1 to shorten the length and #2 to keep it simple--are:

-1 - anything
-2 - anything
-3 - anything
-4 - anything
-5 - anything
-6 - anything
-7 - Kenwood TH-D7A
-8 - anything
-9 - mobile

So this allows people to understand that APRS messages to -7 stations are
limited to 45 characters and other than that there is really no association
needed.

I just want to make sure I am reading this correctly, please feel free to
correct my understanding.

Thanks again for all of your help,

Matt
W2BYV

-----Original Message-----
From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
Sent: Thursday, September 02, 1999 8:32 AM
To: Sickles, Matthew [GWRTP:9466:EXCH]
Cc: TAPR HT APRS Special Interest Group
Subject: Re: [htaprs] APRS SSID Listing

On Thu, 2 Sep 1999, Matthew Sickles wrote:

> that is disallowing me from feeling like I understand the entire scope of
> APRS; SSID numbers.

In the early days, there was a default assingment of SSID's to some major
Icons for stand-alone-trackers (they transmit NMEA so there was no format
for ICON type). But then we came up with the GPSxyz format that gave the
ICON in the TOCALL of the packet. These defaults are still used in some
cases.

ALso, we have suggested that users of the THD7 use the -7 just as a quick
eye-catcher so that at a glance, one can infer that he cannot easily sennd
long messages. ALso, it allows you to guess at someone's THD7 call if you
want to send him a message, but have not seen him yet.

Yes, also -9 for mobiles sort of gives the same advantages.

Finally, I prefer the -1 to -9 over the -10 to -15, simply because it
makes the calls shorter by 14% and therefore slightly reduces map clutter.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] Re: Mobile Power Supply Problem

From: Jon Ogden <jono@enteract.com>
Date: Thu, 2 Sep 99 08:53:41 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37721-1999.09.02-09.03.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Chris Farmer wrote:

>I've seen the same problem while working with the D7As. The external
>power socket connection is intermittant, and if left alone for a long time
>it has a tendency to lose it's power connection and go to battery power,
>then drain the battery while you're not looking.

This is true with a standard coax type DC connection. The Kenwood plug
has a little channel around it that provides for locking. I've never had
this problem with my cord. It works fine always. It is never
intermittent.

>   The NOCALL is an interesting problem, I've traced it down to this: When
>the radio powers up the TNC in either APRS or TNC mode it initializes the
>TNC. If either the GPS or the PC port receive serial data during the ~1 to
>2 sec initialization, the init fails, and the callsign isn't properly
>entered to the TNC. You just have to leave it alone when it initializes.

This isn't correct. I have my GPS running constantly always sending data
to the HT. When I turn the HT on and it initializes, I never lose my
data. What happens when no call comes up is when you use a power adapter
that is NOT the filtered Kenwood adapter. RF gets on the DC line and
hoses up the micro-p in the radio. The radio may work fine for quite a
while as the original poster noted, however. What is interesting with
the phenomenon of the radio's call going to NOCALL is that the TNC in the
radio DOES NOT get initialized to NOCALL. It keeps your call as
originally entered into the radio. At least this is what happened to me.
 I suddenly started seeing my own position reports on the D7A. It was
all due to using the wrong kind of DC plug.

IF YOU GO TO THE KENWOOD ADAPTER YOU WILL HAVE NO PROBLEMS! Period.

>   Because of the problem with the exernal power, we here at KSU built a
>custom mount with power ported in through the battery contacts. The D7A
>snapped on just like on a battery pack, and then we powered it through an
>external NiMH pack. It worked beautifully. It also served as a heatsink, as
>the radio tended to get a little warm after xmitting almost constantly for
>13hrs. Pictures of the mount and more info on the system involved are
>coming soon.

That's an interesting and good solution, Chris and it may work, but the
radio is designed to be used with Kenwood's adapter. Yes, $36.00 is a
lot to pay for it, but it saves one lots of grief and you don't have to
build custom mounts, etc.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Re: Mobile Power Supply Problem

From: "Chris Farmer" <caf7508@ksu.edu>
Date: Thu, 2 Sep 1999 10:47:47
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37730-1999.09.02-10.58.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would have used the Kenwood adapter, but I couldn't find the cigarette lighter!http://www.sunrayce.com/sunrayce/mobile/june23/mvc756x.jpg

   This particular aplication is a little specialized. Our mount solved many problems at once: solid mounting point, cable strain relief, heat sink (anyone else ever overheat one of these things?), and power connection. The driver never had to touch the radio, it was set up for data transmission by serial commands from an onboard microprocessor-based system. We could swap battery packs without disturbing the radio itself. As soon as I get one, I'll put up a photo of the system. Like I said, something of a specialized application.

   Serial data into the PC port will disrupt the internal TNC init of the D7A, I never used the GPS port (but GPS was incorporated) so I can't say for sure.

   The external power cable I had trouble with (several times) was the Kenwood-supplied AC adapter. We worked with three D7As and had some degree of trouble with all of them. One AC adapter in particular was so intermittant that it was really unusable. I hope the DC adapter you speak of has better luck.

Chris Farmer
Kansas State University

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19. [htaprs] Annoying "Feature"

From: KC2EAW@aol.com
Date: Thu, 2 Sep 1999 11:54:35 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37731-1999.09.02-11.05.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all;
Last night in my travels, I saw another mobile station that I know on my Garmin's screen. I happened to be in a parking lot so I figured I'd drop him a brief TH-D7 message. My first attempt at messaging on the D7. However, while trying to input the message the screen would change every time a new packet was received. I live in the New York City - New Jersey area. We get a lot of traffic and with only 40 stations in memory, the D7 is constantly updating with new stations. After 3 attempts to get more than 2 letters input into the message, I gave up.

This has got to be the most annoying "feature" I've ever run across. Any hints or tips?
Thanks de KC2EAW
Dan Speranzo

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] RE: APRS SSID Listing

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 2 Sep 1999 12:02:03 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-37733-1999.09.02-11.12.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mathew asked to confirm some common SSID's. I have taken his list and added one more for the Internet and Boats. Such a list has been posted before and there are a lot of people that object to such recommendations. But I think they have some merrit. See below:
> -1 - ...
> -2 - ...
> -3 - ...
> -4 - ...
> -5 - ...
> -6 - INTERNET
> -7 - Kenwood TH-D7A
> -8 - boat
> -9 - mobile

These are only suggestions, they are NOT REQUIRED. They just give someone a way to make a good guess about how to send you a message. Since you

cannot see 90% of all APRS stations (but only your local area), if you
want to send a message to someone half the country away, it is nice to be
able to make a good guess how to reach him...

Notice, these are not meant to cover all th epossible mobiles, but simply
the four classes of stations (not home stations). I also am NOT trying to
fill up the other 1-5 either. Unles I am overlooking any other major
category.. that might help messaging in the blind..

bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Re: Annoying "Feature"

From: Robert Winingham <kc5ejk@onramp.net>
Date: Thu, 2 Sep 1999 11:14:59 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-37734-1999.09.02-11.25.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Hi all;
>Last night in my travels, I saw another mobile station that I know on my
>Garmin's screen. I happened to be in a parking lot so I figured I'd drop
>him a brief TH-D7 message. My first attempt at messaging on the D7.
>However, while trying to input the message the screen would change every
>time a new packet was received. I live in the New York City - New Jersey
>area. We get a lot of traffic and with only 40 stations in memory, the D7
>is constantly updating with new stations. After 3 attempts to get more
>than 2 letters input into the message, I gave up.
>

Turn off the bcon- and unscrew the antenna while doing messages :-)

or take it out of packet mode - do message and them press TNC

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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22. [htaprs] Re: Mobile Power Supply Problem

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Thu, 2 Sep 1999 11:22:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37735-1999.09.02-11.32.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The radio with a low battery and not being able to turn it off should not
come as an supprise to anyone. The off/on switch is only a interrupt line to
the micro processor. So when the battery goes low the processor shuts down
(sleep mode) then the battery voltage climbs back (up due to no load on it)
the process wakes back up. This cycle repeats until the battery is all the
way dead. If you catch the low battery in the early stages of cycling on and
off you will have a window when the processor can see the switch. Later all
the processor has time to do is go dead and then come alive, over and
over....

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Kraig [SMTP:jellybean421@earthlink.net]
> Sent: Wednesday, September 01, 1999 5:56 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: Mobile Power Supply Problem
>
> This is the most annoying thing about the radio. Once it starts flipping
> on
> and off, you better get to it fast or you best be ready to disconnect the
> battery. While not a huge problem, much like the APRS data taking over
> the
> display (and operation of the keypad), it is certainly something that
> Kenwood should fix in the next upgrade of the firmware.
>
> 73, de kd6fff
> Kraig
> http://www.galaxytheatre.com
>
> "Love does not consist in gazing at each other but in looking together in
> the same direction."
> Antoine de Saint-Exupéry
>
>
> ----- Original Message -----
> From: Tom Clarke <fclarke@erols.com>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Sent: Wednesday, September 01, 1999 9:45 AM
> Subject: [htaprs] Re: Mobile Power Supply Problem
>
>
> > Well, there is certainly something strange in the power circuit. When
> my
> > battery runs down, the radio will not respond to the on/off switch! It
> > won;t turn off! Just cycles mindlessly on and off until I put it on
> > external power and turn it off. Charge up the battery and all is well
> > again. Besides, who said it had to make sense!! It's all in fun,
> right?
> >
> > 73 de Tom/W4OKW
> >
> > -----Original Message-----
> > From: Jon Ogden <jono@enteract.com>
> > To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> > Date: Tuesday, August 31, 1999 11:09 PM
> > Subject: [htaprs] Re: Mobile Power Supply Problem
> >
> >
> > >KC2EAW@aol.com wrote:
> > >
> > >>After a bit more testing - it appears that the V7A likes to be fully
> > >>charged before trying to run it from external (car) power. Looks like
> the
> > >>radio can't get enough power through the connector to run the radio
> with
> > >>a dead (or close to dead) battery. With a fully charged V7A battery,
> the
> > >>cigar lighter plug worked fine. Not a hitch, but I only ran it for
> about
> > >>40 minutes so far.
> > >
> > >I hope you mean "D7A."
> > >
> > >Anyhow, it shouldn't matter what level the battery is at. My battery
> is
> > >attached to the radio all the time and the radio is attached to the
> > >Kenwood adapter. I have no problems even when I pull the radio out of
> > >the car and use it for a while.
> > >
> > >So I don't know about the problem you see. It doesn't make sense.
> > >
> > >73,
> > >
> > >Jon
> > >KE9NA
> > >
> > >
> > >----------------------------------
> > >Jon Ogden

> > >KE9NA
> > >
> > >http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!
> > >
> > >
> > >"A life lived in fear is a life half lived."
> > >
> > >
> > >---
> > >You are currently subscribed to htaprs as: FCLARKE@EROLS.COM
> > >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: kd6fff@arrl.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] Re: Mobile Power Supply Problem

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Thu, 2 Sep 1999 10:36:53 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Hazen, Dwight L" <hazen@indiana.edu>
Message-ID: <LYR845-37756-1999.09.02-12.47.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Certainly does make sense, but it would be nice if the processor was
watching out for this condition and did a full shutdown/power-off rather
than the mindless cycling.

-----Original Message-----
From: Hazen, Dwight L [mailto:hazen@indiana.edu]
Sent: 2 September 1999 9:23
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: Mobile Power Supply Problem

The radio with a low battery and not being able to turn it off should not
come as an supprise to anyone. The off/on switch is only a interrupt line to
the micro processor. So when the battery goes low the processor shuts down
(sleep mode) then the battery voltage climbs back (up due to no load on it)
the process wakes back up. This cycle repeats until the battery is all the
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  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

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> 73, de kd6fff
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> http://www.galaxytheatre.com
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> "Love does not consist in gazing at each other but in looking together in
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> Antoine de Saint-Exupéry
>
>
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> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Sent: Wednesday, September 01, 1999 9:45 AM
> Subject: [htaprs] Re: Mobile Power Supply Problem
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> >
> > 73 de Tom/W4OKW
> >
> > -----Original Message-----
> > From: Jon Ogden <jono@enteract.com>
> > To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> > Date: Tuesday, August 31, 1999 11:09 PM
> > Subject: [htaprs] Re: Mobile Power Supply Problem
> >
> >
> > >KC2EAW@aol.com wrote:
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> > >
> > > >I hope you mean "D7A."
> > >
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> > > >Kenwood adapter. I have no problems even when I pull the radio out of
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> > >
> > > >So I don't know about the problem you see. It doesn't make sense.
> > >
> > > >73,
> > >
> > > >Jon
> > > >KE9NA
> > >
> > >

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] RE: APRS SSID Listing

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Thu, 2 Sep 1999 10:47:55 -0700

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37757-1999.09.02-12.57.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In our Northwest APRS Group we use:

No SSID - Your Home Station or other fixed station
> -1 - Your TNC Mail Box if you have it activated
> -2 - ...
> -3 - ...
> -4 - ...
> -5 - ...
> -6 - INTERNET
> -7 - Kenwood TH-D7A with runner icon
> -8 - boat
> -9 - mobile
 -10 - Wide Area Digi
 -11 - Wide Area Digi Mail Box if activated. Great for Digi Status
Messages.
 -14 - Mobile

Other SSID as you desire. Some individuals have several mobiles, several
Mic-E's and several Digi's, therefore they need to use the other SSID's for
the duplications.

Note that these are suggested SSID usage's, they are not a requirement! It
just gives others on the network and idea of what the station is all about.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

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25. [htaprs] APRS in France (was Re: 1750 hz tone burst & aprs in England)

From: "Steve Steinberg" <kg2bd@hotmail.com>
Date: Thu, 02 Sep 1999 13:50:31 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37758-1999.09.02-13.01.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What about France? I'm taking a couple of small HTs for me and the XYL, but
is it worth bringing the D7A for APRS?

I'll be driving through the south and will have my G-III anyway.

73,
Steve kg2bd

_____
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26. [htaprs] Re: Mobile Power Supply Problem

From: John Christopher Blessing <jcb9786@ksu.edu>
Date: Thu, 2 Sep 1999 13:12:25 -0500 (CDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-37760-1999.09.02-13.23.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am also one of the K-State people who works with Chris. I just wanted
to add one thing to this statement. We literally tried using a cigarette
lighter adapter of mine that is designed for use with The TH-D7a as well
as some other Kenwood radios. It is made by Kenwood. It had the same
type of problems with intermittant connections (with all 3 of the
radios). The lip did not seem to make any difference. It is not that the
cable pulls out, but rather there just does not seem to be a firm enough
connection in the design of the jack/plug combination.

John Blessing,

KSU Solar Car Organization

On Thu, 2 Sep 1999, Chris Farmer wrote:
....
>   The external power cable I had trouble with (several times) was the
> Kenwood-supplied AC adapter. We worked with three D7As and had some degree
> of trouble with all of them. One AC adapter in particular was so
> intermittant that it was really unusable. I hope the DC adapter you speak
> of has better luck.
>
> Chris Farmer
> Kansas State University

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27. [htaprs] Re: Mobile Power Supply Problem

From: John Sullivan <jbs@quickturn.com>
Date: Thu, 02 Sep 1999 15:51:23 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37787-1999.09.02-18.01.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What is surprising is that the D7 designers did not include some type
of battery management in the radio. The VX-5R monitors its battery and
can also display the battery voltage, but Li-ion batteries can't take
the abuse that NiCds do.

Supporting 9.6V and 6V battery packs makes the job more difficult. By
the time the 9.6V pack is down to 5V, its dropping so fast that the
panicked CPU doesn't have time to even respond to the power switch,
which has to be active for at least one second before the processor
responds. Removing the battery pack or plugging in the external power
is the only thing that has ever worked for me.

On the recurring external power filtering question, I don't think the
problems are caused by RF getting into the D7 power jack, but rather
into the power supply, where it causes loss of regulation. This can be
a problem with any radio, but the usual symptom is just a buzz on the
transmit audio. I've been using an old Kenwood cable with the D7 which
is just 24AWG zip cord and a pair of fuses. I connect it to a 12V
gel-cell battery through a pair of leads with alligator clips and have
never had a problem, neither at home nor in a car. OK, the plug on the
nine-year-old cable is worn, and the radio sometimes beeps and resets
if I bump the plug while punching the keys.

73 de WD6BTP, John

> The radio with a low battery and not being able to turn it off should not
> come as an supprise to anyone. The off/on switch is only a interrupt line to
> the micro processor. So when the battery goes low the processor shuts down
> (sleep mode) then the battery voltage climbs back (up due to no load on it)
> the process wakes back up. This cycle repeats until the battery is all the
> way dead. If you catch the low battery in the early stages of cycling on and
> off you will have a window when the processor can see the switch. Later all
> the processor has time to do is go dead and then come alive, over and
> over....
>
>
>   Dwight
>
>
>
>
> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
> http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
>
>
> > -----Original Message-----
> > From: Kraig [SMTP:jellybean421@earthlink.net]
> > Sent: Wednesday, September 01, 1999 5:56 PM
> > To: TAPR HT APRS Special Interest Group
> > Subject: [htaprs] Re: Mobile Power Supply Problem

> >
> > This is the most annoying thing about the radio. Once it starts flipping
> > on
> > and off, you better get to it fast or you best be ready to disconnect the
> > battery. While not a huge problem, much like the APRS data taking over
> > the
> > display (and operation of the keypad), it is certainly something that
> > Kenwood should fix in the next upgrade of the firmware.
> >
> > 73, de kd6fff
> > Kraig
> > http://www.galaxytheatre.com
> >
> > "Love does not consist in gazing at each other but in looking together in
> > the same direction."
> > Antoine de Saint-Exup□□ry
> >
> >
> > ----- Original Message -----
> > From: Tom Clarke <fclarke@erols.com>
> > To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> > Sent: Wednesday, September 01, 1999 9:45 AM
> > Subject: [htaprs] Re: Mobile Power Supply Problem
> >
> >
> > > Well, there is certainly something strange in the power circuit. When
> > my
> > > battery runs down, the radio will not respond to the on/off switch! It
> > > won;t turn off! Just cycles mindlessly on and off until I put it on
> > > external power and turn it off. Charge up the battery and all is well
> > > again. Besides, who said it had to make sense!! It's all in fun,
> > right?
> > >
> > > 73 de Tom/W4OKW
> > >
> > > -----Original Message-----
> > > From: Jon Ogden <jono@enteract.com>
> > > To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> > > Date: Tuesday, August 31, 1999 11:09 PM
> > > Subject: [htaprs] Re: Mobile Power Supply Problem
> > >
> > >
> > > >KC2EAW@aol.com wrote:
> > > >
> > > > >>After a bit more testing - it appears that the V7A likes to be fully
> > > > >>charged before trying to run it from external (car) power. Looks like
> > > the
> > > > >>radio can't get enough power through the connector to run the radio
> > > with
> > > > >>a dead (or close to dead) battery. With a fully charged V7A battery,
> > > the
> > > > >>cigar lighter plug worked fine. Not a hitch, but I only ran it for
> > > about
> > > > >>40 minutes so far.
> > > > >
> > > > >I hope you mean "D7A."
> > > > >
> > > > >Anyhow, it shouldn't matter what level the battery is at. My battery
> > > is
> > > > >attached to the radio all the time and the radio is attached to the
> > > > >Kenwood adapter. I have no problems even when I pull the radio out of
> > > > >the car and use it for a while.
> > > > >
> > > > >So I don't know about the problem you see. It doesn't make sense.
> > > > >
> > > > >73,
> > > > >
> > > > >Jon
> > > > >KE9NA

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28. [htaprs] (no subject)

From: Estelle & Richard <rhoward@netinc.ca>
Date: Thu, 02 Sep 1999 19:55:08 -0400

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37791-1999.09.02-19.07.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

leave-htaprs-845T@lists.tapr.org

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29. [htaprs] Re: Annoying "Feature"

From: Jon Ogden <jono@enteract.com>
Date: Thu, 2 Sep 1999 22:13:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37805-1999.09.02-22.23.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KC2EAW@aol.com wrote:

>However, while trying to input the message the screen would change every
>time a new packet was received. I live in the New York City - New Jersey
>area. We get a lot of traffic and with only 40 stations in memory, the D7
>is constantly updating with new stations. After 3 attempts to get more
>than 2 letters input into the message, I gave up.

I thought (at least on mine) that if you are entering a message, the
display doesn't get interrupted. I'll have to check it and see, but I
think that is the case. If you are listing messages, yes, it does. If
you are in the message menu, I think it does. But once you've begun to
input a message, I could swear it doesn't interrupt it.

Anyhow, if it does just hit a key a couple times. Turn the squelch up or
turn the TNC off before entering the message.

Also, if you want to limit the number of stations, turn your position
limit on. That way the TNC will ignore packets from stations outside
your position radius.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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30. [htaprs] Re: Mobile Power Supply Problem

From: Jon Ogden <jono@enteract.com>
Date: Thu, 2 Sep 1999 22:16:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37806-1999.09.02-22.26.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Chris Farmer wrote:

>   Serial data into the PC port will disrupt the internal TNC init of the
>D7A, I never used the GPS port (but GPS was incorporated) so I can't say
>for sure.

This I don't know about. But if the TNC is in APRS mode, there should be
no need to be sending serial data to it while the TNC is intializing.
The HT works fine with NMEA data coming in the GPS port while you turn it
on. No problems. I do it EVERY day. Never lost my settings.

>
>   The external power cable I had trouble with (several times) was the

>Kenwood-supplied AC adapter. We worked with three D7As and had some degree
>of trouble with all of them. One AC adapter in particular was so
>intermittant that it was really unusable. I hope the DC adapter you speak
>of has better luck.

Odd. Mine fits really snug and has a nice 'click' occur when you plug it
in. Never had any intermittency problems.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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31. [htaprs] Re: Mobile Power Supply Problem

From: Jon Ogden <jono@enteract.com>
Date: Thu, 2 Sep 1999 22:17:44 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "Hazen, Dwight L" <hazen@indiana.edu>
Message-ID: <LYR845-37807-1999.09.02-22.28.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Braaten, Ed wrote:

>Certainly does make sense, but it would be nice if the processor was
>watching out for this condition and did a full shutdown/power-off rather
>than the mindless cycling.

Just pull the battery off. It's an imperfect world!

Also, most of the time, that's what people do anyone when one battery
dies. They swap to another one.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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32. [htaprs] Re: Mobile Power Supply Problem

From: Jon Ogden <jono@enteract.com>
Date: Thu, 2 Sep 1999 22:20:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37808-1999.09.02-22.31.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John Sullivan wrote:

>On the recurring external power filtering question, I don't think the
>problems are caused by RF getting into the D7 power jack, but rather

>into the power supply, where it causes loss of regulation.

Power supply where? In my car? It's the battery so the regulation is
pretty darn good!

No, RF getting on the power supply line to the radio will mess with the
micro-processor in the radio. It doesn't like it. Period. Kenwood
should have put the filtering INSIDE the radio, but oh well. You can
only fit 5 pounds of rocks in a 5 pound bag so something has to give.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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33. [htaprs] SENDING EMAIL FROM TH-D7

From: jstevens@hns.com
Date: Thu, 2 Sep 1999 22:47:34 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37832-1999.09.03-00.58.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What is the procedure for sending a short EMAIL message from a TH-D7 to an
Internet ISP via www.aprs.net?

What is entered in the PACKET PATH when an EMAIL is sent? What is entered in the
MSG INPUT field? Is this
where the EMAIL address is entered?

Thanks for the help . . .

John Stevens
K9AZZ
jstevens@hns.com

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34. [htaprs] TH-D7A and Garmin GPS3+

From: John W Wilson <z004391b@bc.seflin.org>
Date: Fri, 3 Sep 1999 08:47:48 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37847-1999.09.03-07.58.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got back from my Ft. Lauderdale to Orlando TH-D7A shakedown trip.
I need to know why anything else would be necessary. The combination
does everything a tracker and mini-pc would want to do.

Why would I need a hand-held Palm 3+? I was considering buying one but
now I don't feel it is necessary. The screen is bigger but is that all
it would buy me? I don't think the keyboard interface is better and the
maps in the GPS are pretty good so I don't think that would enhance the
system. Somebody please give me a good reason to buy one, thanks. I
love new toys but don't think that it would do much except add to the
complexity of a really nice double package - TH-D7A and GPS3+. 73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

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35. [htaprs] Re: TH-D7A and Garmin GPS3+

From: GPersons <railfan@flash.net>
Date: Fri, 03 Sep 1999 08:53:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37854-1999.09.03-09.04.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't know about the Palm 3+, but I do now that if you want to run APRS+
then you will need a laptop of some flavor!
I have used my laptop to run APRS+ tied to the D7 and I love it. It make
for a very compact package.
After running APRS+ with an external TNC and a laptop and a ht and a gps,
this is ham radio heaven.

73

Gary

At 08:47 AM 9/3/99 -0400, you wrote:
>I just got back from my Ft. Lauderdale to Orlando TH-D7A shakedown trip.
>I need to know why anything else would be necessary. The combination
>does everything a tracker and mini-pc would want to do.
>
>Why would I need a hand-held Palm 3+? I was considering buying one but
>now I don't feel it is necessary. The screen is bigger but is that all
>it would buy me? I don't think the keyboard interface is better and the
>maps in the GPS are pretty good so I don't think that would enhance the
>system. Somebody please give me a good reason to buy one, thanks. I
>love new toys but don't think that it would do much except add to the
>complexity of a really nice double package - TH-D7A and GPS3+. 73,
>
>
>John W. Wilson, KN4HX
>z004391b@bcfreenet.seflin.lib.fl.us
>
>
>
>---
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>
>
>

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36. [htaprs] St Pete Beach

From: John Blowsky <kb2scs@worldnet.att.net>
Date: Fri, 03 Sep 1999 09:55:03 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37856-1999.09.03-09.18.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All
       To those that are on this list that live in St. Petersburg FL,
just want to say what a beautiful place to live. I hope you take the
time now and again to stop and look around. In other words "smell the
roses". My family and I just got back from a vacation spent on
St. Pete Beach.

Now for the APRS stuff.
Congratulations on having a very good and well run APRS network down
there. I knew this before I left home so I was prepared with all
my APRS equipment. My hotel room was located on the 2nd floor and
from there with 2.5 watts a telescoping whip ant was not able to get
out. But from the 7th floor I had of course no problem. Only able to
use thd7 from 7th floor. I sent 3 APRS emails and they all reached
there destination.

One interesting thing was the thd7 locked up. I can only attribute

it to the fact that I was receiving a lot of stations from that height.
I was running on the aa pack and the batteries were new when this
happened. Guess it was like the problem the Hams were having at Dayton.
Too many stations for the thd-7 to handle. I had a full APRS tracker
with me also. THD7,Garmin 45 and a 1/4 mag mount. But I did not
run APRS mobile at all. You see the Garmin is old and with a
family of non Hams I could not take the time (half hour/
gps rollover) for the Garmin to Lock.

All and all a very nice place for a vacation and APRS use.
--

Let us hope we never witness the "Silence Of The Hams"
73 DE John KB2SCS
   AmprNet: kb2scs@kb2scs.ampr.org [44.68.17.128]
   Mail To: kb2scs@kb2scs.ampr.org [44.68.17.128]
   E-Mail: kb2scs@arrl.net

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37. [htaprs] Re: SENDING EMAIL FROM TH-D7

From: Jon Ogden <jono@enteract.com>
Date: Fri, 3 Sep 99 09:23:51 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37859-1999.09.03-09.34.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

jstevens@hns.com wrote:

>What is entered in the PACKET PATH when an EMAIL is sent? What is entered
>in the
>MSG INPUT field? Is this
>where the EMAIL address is entered?

The TO: field (where you'd normally put a call) is entered as EMAIL

In the message field put the address of the person you are e-mailing to
(ie: jstevens@hns.com or whomever) followed by a space and then your
message.

Once you transmit, the iGates should pick up the packet and it will be
routed to WU2Z's server. The server will then format the e-mail and send
it out. The server will attempt to send an ACK back to you. If you get
an ACK back you know your e-mail got delivered. If you don't get an ACK
it may or may not have been delivered. The system does not work 100% of
the time.

Have fun!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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38. [htaprs] Pix of Earth during Solar Eclipse from MIR

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 3 Sep 1999 19:11:55 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-37931-1999.09.03-18.23.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The guys on MIR apparently captured a shot of the moon's shadow passing
across the earth's surface during the solar eclipse a few days back. This
is an incredible photo that was the "Astronomy Picture of the Day" a few
days back.

          <http://antwrp.gsfc.nasa.gov/apod/ap990830.html>

   ... enjoy!

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

  "Do not go where the path may lead, go instead where there is
    no path, and leave a trail" - Ralph Waldo Emerson

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39. [htaprs] Re: [aprssig] Re: Mobile Power Supply Problem

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 4 Sep 1999 00:29:21 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37944-1999.09.03-19.42.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Certainly does make sense, but it would be nice if the >processor was watching out for this condition
and did a full >shutdown/power-off rather than the mindless cycling.

It would be nice if a lithium coin cell backup battery had been incorporated to keep the TNC from
hiccuping or losing settings when power fluctuates, etc. I wonder how hard it would be to retrofit
something like that?

40. [htaprs] Re: [aprssig] Re: Mobile Power Supply Problem

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 4 Sep 1999 02:02:12 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37949-1999.09.03-21.13.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Content-Type: application/X-Magic-Cap-Extras >Content-ID: <8D109541E41EC387.part.2> >
>Attachment converted: Macintosh HD:Untitled (????/----) (00031538)

>what is the untitled file that came with your e-mail ??

Very long explanation sent privately to Mr. Winingham, in order not to clog the SIG. Available to anyone
 else interested, just send me private e-mail.

41. [htaprs] GPS Kit from Electro-Mavin

From: "George S. Pappayliou" <aa8ma@worldnet.att.net>
Date: Sat, 04 Sep 1999 12:44:07 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38010-1999.09.04-11.56.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just bought the $20 AISIN gps from electro-mavin. Does anyone know
if the data stream that it puts out (after the TTL to RS232 conversion)
can be recognized and used by APRS? If not is there some way to convert
it using, e.g. a PIC-E?

   This would seem to be a great (and cheap) way to feed a TH-D7 if I
can get the D7 to recognize the data stream.

Thanks, George W3GP

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Re: SENDING EMAIL FROM TH-D7

From: "David Robertson" <drober05@tir.com>
Date: Sat, 4 Sep 1999 12:51:30 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38011-1999.09.04-12.02.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a question about the IGATES. I have sent email from my TH-D7A
several times and most of them have gone through. I'm here in mid-Michigan
and the IGATE that the messages get transmitted through is in New Jersey.
Here is the path information:

Message received by MacAPRS IGate station WU2Z
Located in NO BRUNSWICK, NJ
APRS path = KC8JZX-7>APK001,K1DE-5,KB8GVQ-13*

I am wondering if there is a list of IGATES and where they are? Sure seems
like a long way to travel from Michigan to get to one.

Dave Robertson
KC8JZX

----- Original Message -----
From: Jon Ogden <jono@enteract.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Friday, September 03, 1999 7:23 AM
Subject: [htaprs] Re: SENDING EMAIL FROM TH-D7

> jstevens@hns.com wrote:
>
> >What is entered in the PACKET PATH when an EMAIL is sent? What is entered
> >in the
> >MSG INPUT field? Is this
> >where the EMAIL address is entered?
>
> The TO: field (where you'd normally put a call) is entered as EMAIL
>
> In the message field put the address of the person you are e-mailing to
> (ie: jstevens@hns.com or whomever) followed by a space and then your
> message.
>
> Once you transmit, the iGates should pick up the packet and it will be
> routed to WU2Z's server. The server will then format the e-mail and send
> it out. The server will attempt to send an ACK back to you. If you get
> an ACK back you know your e-mail got delivered. If you don't get an ACK
> it may or may not have been delivered. The system does not work 100% of
> the time.
>
> Have fun!
>
> 73,
>
> Jon
> KE9NA
>
>
> --
> The Second Amendment is NOT about duck hunting!
>
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: kc8jzx@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] RE: APRS SSID Listing

From: John W Wilson <z004391b@bc.seflin.org>
Date: Sat, 4 Sep 1999 12:55:43 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-38013-1999.09.04-12.06.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Down here in So Fla we have standardized on -3 for digi's. There are a
few exceptions but mostly holds true.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Thu, 2 Sep 1999, Matthew Sickles wrote:

> Ok, so it sounds like that the only recommended or standardized that are
> being used today--#1 to shorten the length and #2 to keep it simple--are:
>
> -1 - anything
> -2 - anything
> -3 - anything
> -4 - anything
> -5 - anything
> -6 - anything
> -7 - Kenwood TH-D7A
> -8 - anything
> -9 - mobile
>
> So this allows people to understand that APRS messages to -7 stations are
> limited to 45 characters and other than that there is really no association
> needed.
>
> I just want to make sure I am reading this correctly, please feel free to
> correct my understanding.
>
> Thanks again for all of your help,
>
> Matt
> W2BYV
>
> -----Original Message-----
> From: Bob Bruninga [mailto:bruninga@nadn.navy.mil]
> Sent: Thursday, September 02, 1999 8:32 AM
> To: Sickles, Matthew [GWRTP:9466:EXCH]
> Cc: TAPR HT APRS Special Interest Group
> Subject: Re: [htaprs] APRS SSID Listing
>
>
> On Thu, 2 Sep 1999, Matthew Sickles wrote:
>
> > that is disallowing me from feeling like I understand the entire scope of
> > APRS; SSID numbers.
>
> In the early days, there was a default assingment of SSID's to some major
> Icons for stand-alone-trackers (they transmit NMEA so there was no format
> for ICON type). But then we came up with the GPSxyz format that gave the
> ICON in the TOCALL of the packet. These defaults are still used in some
> cases.
>
> ALso, we have suggested that users of the THD7 use the -7 just as a quick
> eye-catcher so that at a glance, one can infer that he cannot easily sennd
> long messages. ALso, it allows you to guess at someone's THD7 call if you
> want to send him a message, but have not seen him yet.
>
> Yes, also -9 for mobiles sort of gives the same advantages.
>
> Finally, I prefer the -1 to -9 over the -10 to -15, simply because it
> makes the calls shorter by 14% and therefore slightly reduces map clutter.
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] Re: Mobile Power Supply Problem

From: John W Wilson <z004391b@bc.seflin.org>
Date: Sat, 4 Sep 1999 13:00:50 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-38014-1999.09.04-12.11.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If the only difference in the Kenwood adapter is the RF choke then
purchase a ferrite bead, split or not, and wrap three or four turns of the
DC cable through it. That will stop the reset problem, if that is what
it is. Save yourself a bunch of money. It is worth a try. 73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Thu, 2 Sep 1999, Jon Ogden wrote:
>
> IF YOU GO TO THE KENWOOD ADAPTER YOU WILL HAVE NO PROBLEMS! Period.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] Re: TH-D7A and Garmin GPS3+

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 04 Sep 1999 12:50:25 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38023-1999.09.04-12.57.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

John W. wrote:

>Why would I need a hand-held Palm 3+ [with a D7a & GPS-III+]? Give me
>a good reason to buy one.

     Forty stations. That's the limit on how many stations the D7a will
hold in memory. The GPS-III+ will allow more (up to 500, the maximum
number of waypoints), but these only include a station's position. The
POSIT, STATUS, WX, etc. texts will only be available for the forty sta-
tions in the D7a. Agreed, 500 posits is probably more than most people
will get via RF, but I'd like to be prepared for future enhancements to
APRS-dom.

     I have to admit that pocketAPRS does not yet have the vast utility
and functionality that a full-blown "numbered" APRSDos version does ...
yet. There are some functions that that program has that will probably
never become available on the Palm due to restrictions within the Palm
OS, but Mike has done an excellent job so far. He's intimated to me
that there are features on his to-do list that are either on the back
burner, or are on slow simmer while he hammers out more pressing needs
to the program (although he was not specific, and I haven't asked) he
wants solved before release of 1.00.

     On the other hand, I also have to admit that sending a short reply
to a message is easier to do one-handed-while-driving via the D7a than
with the Palm, although it still requires (to my mind) spending too much
time looking at the device (D7a or IIIx) while driving than I prefer.
But at least it *can* be done one-handed with the HT alone. I have an
idea that might make this easier on the Palm, but won't discuss it since
Mike is so busy now with getting 1.00 out the door.   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] Re: TH-D7A and Garmin GPS3+

From: John W Wilson <z004391b@bc.seflin.org>
Date: Sat, 4 Sep 1999 15:08:16 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-38035-1999.09.04-14.18.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good point, Arte. I think, though, that for me the limit of 40 stations
is acceptable considering the extra wires and things involved over just
the GPS 3+ and the TH-D7A. I may consider the Palm in the future. Right
now, if I need, I can always take my laptop. With that, and the tracker,
I don't need the second serial port. I can run any version of APRS and
have the large screen and full keyboard. If I need, that is. The
GPS/TH-D7 setup is so nice and uncomplicated and very full of features.
As you see, I am impressed and very pleased.

I do have that quirky DC connector problem. If I have to send it back to
have that fixed then I will.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sat, 4 Sep 1999, Arte Booten wrote:

> >Why would I need a hand-held Palm 3+ [with a D7a & GPS-III+]? Give me
> >a good reason to buy one.
>
>   Forty stations. That's the limit on how many stations the D7a will
> hold in memory. The GPS-III+ will allow more (up to 500, the maximum
> number of waypoints), but these only include a station's position. The

---
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47. [htaprs] Re: TH-D7A and Garmin GPS3+

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 04 Sep 1999 18:32:31 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38053-1999.09.04-19.18.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

John W. wrote:

>... the limit of 40 stations is acceptable considering the extra wires
>and things involved over just the GPS 3+ and the TH-D7A.

     There's just one extra wire that runs from the D7a's PC port to the
Palm's Modem cable (*not* the HotSync cable). I happen to use the Ken-
wood data cable, a DB-25<>DB-9 adapter and the Modem cable. If I felt
like doing surgery on those rather expensive pieces of wire I could make
it a bit neater-looking but a normal ham's frugality prevents me from
hacking them up!   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] Improvements to EMAIL gateway - reaching pagers with the D7...

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Sat, 4 Sep 1999 23:41:41 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38117-1999.09.05-01.52.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been able to use the D7 as a very handy tool to send short text
messages to pagers that accept text pages via internet e-mail gateways (by
using the "EMAIL" packet address). This is BTW a great attention grabber
for non-hams. :-)

One drawback to pages received this way is the lengthy formatting that the
IGATE/EMAIL gateway adds to each message. This info is great for an e-mail
recipient, but not so good for message-size-sensitive pagers.

Would it make sense to maybe expand on the "EMAIL" concept and add a "PAGER"
alias that handles the messages differently? I'm thinking the messages sent
via this alias could be passed to the internet e-mail server with just the
message text and a bare-bones " DE MYCALL-7" tacked onto the end.

Another enhancement for the PAGER alias could be to develop a shorthand
method for addressing so that more of the limited D7 message body can be
used for the actual message. One idea would be to standardize on an
addressing scheme like "PagerType/PIN". The gateway implementor(s) could
then publish a translation table like the following for common pagers:

```
     PagerType    Translates to
       001         PIN@skytel.com
       002         PIN@pagenet.net
       003         =PIN@page.metrocall.com
       004         PIN@arrl.net
```

For example, you could enter "003/1234567" to send a page to a Metrocall
pager user with the pin number "1234567".

Note the "004" PagerType in the table above. It's not really a pager - I
tossed that in to show how we could reach other HAMS through their
callsign@arrl.net e-mail forwarding addresses - i.e. to send to
k6ekb@arrl.net you could use "004/k6ekb" for a savings of 5 characters over
the current method of addressing. We could eliminate the slash in this
proposed addressing scheme to save another character...

Just some ideas... food for thought for a long Labor Day Weekend!

73, Ed

Ed Braaten, K6EKB
mailto:k6ekb@arrl.net
http://home.sprynet.com/~ekb/

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Re: Improvements to EMAIL gateway - reaching pagers with the D7...

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 5 Sep 1999 11:16:58 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-38135-1999.09.05-10.27.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 4 Sep 1999, Braaten, Ed wrote about using the D7 as a very handy
tool to send short text messages to pagers:

> One drawback to pages received this way is the lengthy formatting...
> Would it make sense to ... add a "PAGER" alias that handles the messages
> [with less verbosity..] Another enhancement... would be to develop a
> shorthand method for addressing...
>
>   PagerType   Translates to
>   001   PIN@skytel.com

>   002   PIN@pagenet.net
>   003   =PIN@page.metrocall.com
>   004   PIN@arrl.net

Good thinking! Dont forget @amsat.org. THis was my original proposal
about Email, and that was to assign special characters as such indicators.
Such as using EMAIL-XX where XX was one of the above categories of common
email addresses. Thus sending a message to EMAIL-4 would then send it to
the callsign@arrl.net. for example...

The current method is universal, but I too think it is time to take
advantage of some common shortcuts... for brevity...

bob

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50. [htaprs] Re: Improvements to EMAIL gateway - reaching pagers with the D7...

From: Keith Sproul <ksproul@vger.rutgers.edu>
Date: Sun, 5 Sep 1999 11:34:01 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-38139-1999.09.05-10.46.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ED

Very good comment... We will add the PAGER address so that it
doesn't add all the stuff..

I too have used it for sending to pagers, but I hadn't really sseen
this problem..

The format would be identical, except that you send it to PAGER
instead of EMAIL. The only difference would be on the SERVER side,
it would do it slightly different..

I think we can have this done soon after DCC (end of septermber) so
expect in Ocboter.

Keith

>I've been able to use the D7 as a very handy tool to send short text
>messages to pagers that accept text pages via internet e-mail gateways (by
>using the "EMAIL" packet address). This is BTW a great attention grabber
>for non-hams. :-)
>
>One drawback to pages received this way is the lengthy formatting that the
>IGATE/EMAIL gateway adds to each message. This info is great for an e-mail
>recipient, but not so good for message-size-sensitive pagers.
>
>Would it make sense to maybe expand on the "EMAIL" concept and add a "PAGER"
>alias that handles the messages differently? I'm thinking the messages sent
>via this alias could be passed to the internet e-mail server with just the
>message text and a bare-bones " DE MYCALL-7" tacked onto the end.
>
>Another enhancement for the PAGER alias could be to develop a shorthand
>method for addressing so that more of the limited D7 message body can be
>used for the actual message. One idea would be to standardize on an
>addressing scheme like "PagerType/PIN". The gateway implementor(s) could
>then publish a translation table like the following for common pagers:
>
>   PagerType   Translates to
>   001   PIN@skytel.com
>   002   PIN@pagenet.net
>   003   =PIN@page.metrocall.com
>   004   PIN@arrl.net
>
>
>For example, you could enter "003/1234567" to send a page to a Metrocall
>pager user with the pin number "1234567".
>
>Note the "004" PagerType in the table above. It's not really a pager - I

>tossed that in to show how we could reach other HAMS through their
>callsign@arrl.net e-mail forwarding addresses - i.e. to send to
>k6ekb@arrl.net you could use "004/k6ekb" for a savings of 5 characters over
>the current method of addressing. We could eliminate the slash in this
>proposed addressing scheme to save another character...
>
>Just some ideas... food for thought for a long Labor Day Weekend!
>
>73, Ed
>
>
>-----
>Ed Braaten, K6EKB
>mailto:k6ekb@arrl.net
>http://home.sprynet.com/~ekb/
>
>
>
>
>---
>You are currently subscribed to htaprs as: ksproul@vger.rutgers.edu
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Keith Sproul   732 445-3695 Office
Student Housing Network Coordinator   732 445-2968 Fax
mailto:ksproul@rci.rutgers.edu   732 821-4828 Home
http://dorm.rutgers.edu/~ksproul/   WU2Z

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] Does a GPS unit on a dash get too hot?

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 05 Sep 1999 11:16:44 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38166-1999.09.05-13.27.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was thinking of purchasing a Garmin GPS3+ or similar GPS to install on
the dash of a car. It seems to me that in a closed car with the unit on
the dash, temperatures can easily exceed 120 degrees.

Does the unit work at these temperatures?
Does the plastic get "sun bleached"?

thanks,

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] Re: Does a GPS unit on a dash get too hot?

From: rbost@itexas.net (Roy Bost)
Date: Sun, 5 Sep 1999 13:41:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38167-1999.09.05-13.51.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes the sun will get to it!!! I have to keep a cap over my Garmin 45 which
sits on the dash. If it gets too hot, the display fades away to nothing!!!
It has survived 100+ degrees (outdoor temp) here in Texas!

Roy Bost N5TAM
rbost@itexas.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] Re: Does a GPS unit on a dash get too hot?

From: Claude Head III <k5dtn@swbell.net>
Date: Sun, 05 Sep 1999 17:29:55 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-38197-1999.09.05-17.50.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a Garmin GPS-48 which I leave on all the time in the car. It is
mounted on a little bracket near the passenger side of the dash board.
I have a Trimble external antenna for it which is mounted on a black
painted juice can lid at the forward edge of the dash. I live in Dallas, TX
where the temperature has been over 100 degrees F nearly every day
for the past two months. Temperature inside the car routinely reaches
145+ degrees during the day. The antenna and GPS unit have worked
just fine through all this abuse, except that the LCD display on the GPS-48
tends to fade out at the higher temperatures. After the AC in the car
has run a while, the display returns. I don't know specifically about the
GPS3+, but your probably will not have any trouble with it working, but
the display may fade until it cools off again. I've not noticed any color
change in the GPS-48 case.

73, Claude
      K5DTN

Richard Parry wrote:

> I was thinking of purchasing a Garmin GPS3+ or similar GPS to install on
> the dash of a car. It seems to me that in a closed car with the unit on
> the dash, temperatures can easily exceed 120 degrees.
>
> Does the unit work at these temperatures?
> Does the plastic get "sun bleached"?
>
> thanks,
>
> ---------------
> Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
> ---------------
>
> ---
> You are currently subscribed to htaprs as: k5dtn@swbell.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

54. [htaprs] Re: Does a GPS unit on a dash get too hot?

From: John W Wilson <z004391b@bc.seflin.org>
Date: Sun, 5 Sep 1999 20:35:32 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-38204-1999.09.05-19.46.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One of the big problems with LCD displays is the high temperature
black-out. I wouldn't run an LCD device in a closed car in South Florida
on a black dashboard, but I would run it on the same dash with the
windows open or the air conditioning on. It still gets pretty hot but
doesn't seem to affect the GPS3+. It may be best to stick it in your
pocket when you leave the car. The Velcro mount works well, by the way.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sun, 5 Sep 1999, Richard Parry wrote:

> I was thinking of purchasing a Garmin GPS3+ or similar GPS to install on
> the dash of a car. It seems to me that in a closed car with the unit on
> the dash, temperatures can easily exceed 120 degrees.
>
> Does the unit work at these temperatures?
> Does the plastic get "sun bleached"?
>
> thanks,
>
>

> ---------------
> Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
> ---------------
>
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> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Re: Does a GPS unit on a dash get too hot?

From: "Harry Burford" <hburford@airmail.net>
Date: Sun, 5 Sep 1999 19:47:08 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38207-1999.09.05-19.57.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Claude:
I got some insulation material at the hardware store. It is like bubble
wrap used for shipping but it has an aluminum foil like surface coating on
both sides. It comes off a roll and you buy it by the foot. I guess it is
intended to wrap water heaters and such. You can custom cut the material
for your car windows. It takes an extra minute to put them up once you have
parked, but they are worth a measured 20 degrees F decrease in interior
temp. Cut them a little larger than the windows and then the aluminum foil
can be used to wedge fit the pieces.

Harry, KAØTTY

----- Original Message -----
From: Claude Head III <k5dtn@swbell.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Sunday, September 05, 1999 5:29 PM
Subject: [htaprs] Re: Does a GPS unit on a dash get too hot?

I have a Garmin GPS-48 which I leave on all the time in the car. It is
mounted on a little bracket near the passenger side of the dash board.
I have a Trimble external antenna for it which is mounted on a black
painted juice can lid at the forward edge of the dash. I live in Dallas, TX
where the temperature has been over 100 degrees F nearly every day
for the past two months. Temperature inside the car routinely reaches
145+ degrees during the day. The antenna and GPS unit have worked
just fine through all this abuse, except that the LCD display on the GPS-48
tends to fade out at the higher temperatures. After the AC in the car
has run a while, the display returns. I don't know specifically about the
GPS3+, but your probably will not have any trouble with it working, but
the display may fade until it cools off again. I've not noticed any color
change in the GPS-48 case.

73, Claude
      K5DTN

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56. [htaprs] TH-D7A using HMC-2 VOX Headset?

From: "Randy Perkins" <wb5kcm@hotmail.com>
Date: Sun, 05 Sep 1999 18:29:30 PDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38211-1999.09.05-20.39.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello group,
I'm a new TH-D7A owner and everything seems to be working fine.
Was wondering if anyone has used the Kenwood VOX headset type HMC-2 with the
D7? See in the manual they show the HMC-3 model but already have the HMC-2
so was wondering if it would work. Don't wont to blow up something plugging
in the wrong headset.
Any comments?
Thanks,

Randy, WB5KCM
wb5kcm@arrl.net

_____
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57. [htaprs] Re: Does a GPS unit on a dash get too hot?

From: Tom Busch <tomb@kiva.net>
Date: Sun, 05 Sep 1999 21:20:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38214-1999.09.05-21.25.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don't do it! It will cook!

At least my Magellan trailblazer did. The screen bowed out, and now the
display is kind of hard to read. Still works otherwise, (receive, NMEA)

Use a remote antenna if you want to permanently mount it in the car, and
put the gps down on the dash or on the tunnel.

TomB

Richard Parry wrote:

> I was thinking of purchasing a Garmin GPS3+ or similar GPS to install on
> the dash of a car. It seems to me that in a closed car with the unit on
> the dash, temperatures can easily exceed 120 degrees.
>
> Does the unit work at these temperatures?
> Does the plastic get "sun bleached"?
>
> thanks,
>
> ---------------
> Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
> ---------------
>
> ---
> You are currently subscribed to htaprs as: tomb@kiva.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] Re: Does a GPS unit on a dash get too hot?

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 05 Sep 1999 20:48:55 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38220-1999.09.05-22.59.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have received about 4-5 responses so far, all except yours indicated it
was OK to put the GPS unit on the dash. One guy in central Texas where it
gets very hot said he had no real problems. I mention this not to disagree
with you, merely to tell you what others have said thus far.

thanks for your input,

At 09:20 PM 9/5/99 -0500, Tom Busch wrote:
>Don't do it! It will cook!
>
>At least my Magellan trailblazer did. The screen bowed out, and now the
>display is kind of hard to read. Still works otherwise, (receive, NMEA)
>
>Use a remote antenna if you want to permanently mount it in the car, and
>put the gps down on the dash or on the tunnel.
>
>TomB
>
>Richard Parry wrote:
>

> > I was thinking of purchasing a Garmin GPS3+ or similar GPS to install on
> > the dash of a car. It seems to me that in a closed car with the unit on
> > the dash, temperatures can easily exceed 120 degrees.
> >
> > Does the unit work at these temperatures?
> > Does the plastic get "sun bleached"?
> >
> > thanks,
> >
> > ---------------
> > Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
> > ---------------
> >
> > ---
> > You are currently subscribed to htaprs as: tomb@kiva.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

----
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Re: Does a GPS unit on a dash get too hot?

From: Jon Anhold <jon@snoopy.net>
Date: Mon, 6 Sep 1999 00:28:07 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-38223-1999.09.05-23.38.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I found that I had to go with Radio Shack "superlock". In the hot sun,
the adhesive on the dashboard, or on the back of the unit, would liquify
and the unit would literally slide off the dashboard over time in my parked
car.

-j

Previously, John W Wilson (z004391b@bc.seflin.org) said:
> One of the big problems with LCD displays is the high temperature
> black-out. I wouldn't run an LCD device in a closed car in South Florida
> on a black dashboard, but I would run it on the same dash with the
> windows open or the air conditioning on. It still gets pretty hot but
> doesn't seem to affect the GPS3+. It may be best to stick it in your
> pocket when you leave the car. The Velcro mount works well, by the way.
>
>
> John W. Wilson, KN4HX
> z004391b@bcfreenet.seflin.lib.fl.us
>
>
> On Sun, 5 Sep 1999, Richard Parry wrote:
>
> > I was thinking of purchasing a Garmin GPS3+ or similar GPS to install on
> > the dash of a car. It seems to me that in a closed car with the unit on
> > the dash, temperatures can easily exceed 120 degrees.
> >
> > Does the unit work at these temperatures?
> > Does the plastic get "sun bleached"?
> >
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> >
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> >
>
> ---
> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

>From now on, I will try not to reason with the idiots I encounter.
I will dismiss them by waving my paw and saying 'Bah'
                                                    - Dogbert

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] Re: Does a GPS unit on a dash get too hot?

From: Steve Dimse K4HG <k4hg@tapr.org>
Date: Mon, 6 Sep 1999 00:35:43 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38224-1999.09.05-23.46.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I was thinking of purchasing a Garmin GPS3+ or similar GPS to install on
> the dash of a car. It seems to me that in a closed car with the unit on
> the dash, temperatures can easily exceed 120 degrees.
>
One thing to try...I have had great luck with my GPS-III mounted on the
steering column, sitting in front of the speedometer. Yes, it is well
aware from the airbag, so no flames. This will keep the unit well out of
the sun, and it is much easier to see.

I get great lock on the satellites in both my E-250 (near vertical
windshield) and RX-7 convertible (near horizontal windshield ;-)

This is not guaranteed to work in every vehicle, but try it, you might me
surprised...I sure was.

Steve K4HG

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61. [htaprs] SMA to PL259 adaptor?

From: Thomas Nowicki <tnowicki@qtm.net>
Date: Mon, 06 Sep 1999 02:45:28 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38242-1999.09.06-02.53.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was at AES this weekend, and was looking for an SMA to PL259 connector
to hook the D7a to an external antenna. The guy at the counter said that
Radio Shack sells these adaptors. Has anyone seen these at Radio Shack??

Tom - KF9JW

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62. [htaprs] Re: SMA to PL259 adaptor?

From: GPersons <railfan@flash.net>
Date: Mon, 06 Sep 1999 03:11:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38309-1999.09.06-15.23.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No. I went to Radio Shack and they had never heard of a SMA connector, much
less an adapter. As a matter of fact, they sales person insisted what I
needed was an F connector. You would be better off getting one from Mouser
or Allied or Pasternak or anybody who sells that kind of stuff.

http://www.mouser.com/
http://www.allied-avent.com/ (I think)

The only thing about Allied is they require a $25.00 minimum.

Hope this helps!

73

Gary

At 02:45 AM 09/06/1999 -0500, you wrote:
>I was at AES this weekend, and was looking for an SMA to PL259 connector
>to hook the D7a to an external antenna. The guy at the counter said that
>Radio Shack sells these adaptors. Has anyone seen these at Radio Shack??
>
>Tom - KF9JW
>
>
>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] Re: SMA to PL259 adaptor?

From: John <johnk.mchugh@worldnet.att.net>
Date: Mon, 06 Sep 1999 16:45:06 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-38315-1999.09.06-15.55.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GPersons wrote:
>
> No. I went to Radio Shack and they had never heard of a SMA connector, much
> less an adapter.

DONT get an adapter, get a small pig-tail cable with SMA on one end and
PL or SO-238 on other end. The adapter could put a lot of strain on the
radio and break the antenna connector. I got mine for $2 at the Miami
Hamboree but there are other sources.

73,

John
--
John Mc Hugh, KU4GY
Coordinator for Amateur Radio
National Hurricane Center, W4EHW
Miami, Florida
Home Page: http://www.fiu.edu/orgs/w4ehw/

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64. [htaprs] Re: Does a GPS unit on a dash get too hot?

From: John W Wilson <z004391b@bc.seflin.org>
Date: Mon, 6 Sep 1999 16:49:50 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-38316-1999.09.06-16.00.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is not bad advise. It is not good to take a chance on an expensive
piece of equipment such as a GPS, unless you are looking to upgrade anyway.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sun, 5 Sep 1999, Tom Busch wrote:

> Don't do it! It will cook!
>

> At least my Magellan trailblazer did. The screen bowed out, and now the
> display is kind of hard to read. Still works otherwise, (receive, NMEA)
>
> Use a remote antenna if you want to permanently mount it in the car, and
> put the gps down on the dash or on the tunnel.
>
> TomB
>
> Richard Parry wrote:
>
> > I was thinking of purchasing a Garmin GPS3+ or similar GPS to install on
> > the dash of a car. It seems to me that in a closed car with the unit on
> > the dash, temperatures can easily exceed 120 degrees.
> >
> > Does the unit work at these temperatures?
> > Does the plastic get "sun bleached"?
> >
> > thanks,
> >
> > ---------------
> > Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
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> >
> > ---
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>
> ---
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> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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65. [htaprs] Read the manual please!

From: Jon Ogden <jono@enteract.com>
Date: Tue, 7 Sep 99 09:25:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38401-1999.09.07-09.36.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Howdy all,

Recently, I have noticed a very large number of new faces here on the
list who are using the TH-D7A and who are new to APRS. WELCOME!

However, along with that, I see a LOT of questions come up about the
operation about the TH-D7A that are clearly covered in the manual. Many
times we hams (myself included) don't want to sit and read the manual for
our new radio. We just want to operate. Well, the TH-D7A manual really
needs reading and will help a lot. It might not help much in one's
understanding of APRS and I think there are even some errors in it
regarding APRS paths, etc. But as far as operation of the HT goes and
how to use it, what mode to be in, etc. it is essential.

This isn't meant as a flame or anything like that. It's just a friendly
reminder to read first.

I'll still be happy to answer any questions that I can even so!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] Re: SMA to PL259 adaptor?

From: Jon Ogden <jono@enteract.com>
Date: Tue, 7 Sep 99 09:27:29 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38402-1999.09.07-09.37.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John wrote:

>DONT get an adapter, get a small pig-tail cable with SMA on one end and
>PL or SO-238 on other end. The adapter could put a lot of strain on the
>radio and break the antenna connector. I got mine for $2 at the Miami
>Hamboree but there are other sources.

Agreed! This is very good advice.

I wish Kenwood had not put an SMA on this radio. It isn't needed and
SMAs were never designed for the kind of usage that a ham will put on his
radio. Such is life though.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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67. [htaprs] Re: SENDING EMAIL FROM TH-D7

From: Jon Ogden <jono@enteract.com>
Date: Tue, 7 Sep 99 09:33:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38403-1999.09.07-09.43.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

David Robertson wrote:

>Message received by MacAPRS IGate station WU2Z
>Located in NO BRUNSWICK, NJ
>APRS path = KC8JZX-7>APK001,K1DE-5,KB8GVQ-13*
>
>I am wondering if there is a list of IGATES and where they are? Sure seems
>like a long way to travel from Michigan to get to one.

The e-mail server that is used to send e-mail messages is WU2Z's server
in NJ. WU2Z is one of the APRS authors. You have an i-gate in your
local area that picks up your message and sends it out over the internet.
 WU2Z's server listens for these packets, formats them and sends them out
as SMTP e-mail to whomever. It then sends an ACK back to you over the
internet and then out to RF from your local i-Gate.

You can see i-Gates on the APRS display as a diamond with an I in the
middle of them (at least it should be that). There is no need to really
know where they are as their operation is completely transparent.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Re: SENDING EMAIL FROM TH-D7

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Tue, 7 Sep 1999 09:01:55 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38423-1999.09.07-11.12.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All well and good if you have a connection to an I-gate that will
pass the messages to RF. The APRS packages I have seen really only
include a listing for aprs.net and a couple of others. It would seem
that if you wanted to pass what is third party messages from TCP/IP
through to a wireless station or mobile, you need to know to connect
via TCP/IP directly to the iGate that serves that area. I have been
connecting through Steve's South Florida APRSServ and as far as I can
tell it will not pass anything back to be transmitted via RF.

It would be really helpful to have a list of iGate connections that
are more cooperative. (Understanding the need to comply with FCC
restrictions an third party messaging, of course.)

Clark N7AAC

>David Robertson wrote:
>
> >Message received by MacAPRS IGate station WU2Z
> >Located in NO BRUNSWICK, NJ
> >APRS path = KC8JZX-7>APK001,K1DE-5,KB8GVQ-13*
> >
> >I am wondering if there is a list of IGATES and where they are? Sure seems
> >like a long way to travel from Michigan to get to one.
>
>The e-mail server that is used to send e-mail messages is WU2Z's server
>in NJ. WU2Z is one of the APRS authors. You have an i-gate in your
>local area that picks up your message and sends it out over the internet.
> WU2Z's server listens for these packets, formats them and sends them out
>as SMTP e-mail to whomever. It then sends an ACK back to you over the
>internet and then out to RF from your local i-Gate.
>
>You can see i-Gates on the APRS display as a diamond with an I in the
>middle of them (at least it should be that). There is no need to really
>know where they are as their operation is completely transparent.
>
>73,
>
>Jon
>KE9NA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] Re: SENDING EMAIL FROM TH-D7

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Tue, 7 Sep 1999 10:13:08 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38433-1999.09.07-12.23.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please, lets all remember that APRS like all other facets of HAM Radio is a system that operates do to the generosity and good will of our users. I feel extremely grateful that we have such things as I gates, HF Gates, Digi's and Relays in our area and our system seems to work extremely well. Ours is a well organized area. Not all areas of the country are that well organized and not all areas work the same.

So, rather than complain that some particular area does not have a two way fully functioning I-Gate as would be supported by the software writers, we need to look and see what our area needs the most and go ahead and do it. Yes, it will cost you some money but there is a lot of gratification out of knowing how much you have furthered our APRS hobby in your area.

Enough preaching. I would like to thank all the individuals who are providing the little individual pieces that make up our APRS network. These include the Digi Owners, the I and HF Gate Owners, the schools and EOC's on the network and let me not forget all the individual home stations that are on the air 24 hrs/day. Yes, all of them make up our APRS network. A special thanks to all of them and to all the programmers who write the software for the various systems and let me not forget to all of the individuals who are supplying Internet Sites that support APRS knowledge exchanges such as this one. They all do it because they want to and I certainly appreciate it because I really enjoy playing the game of APRS.

Thanks to all,

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----

> All well and good if you have a connection to an I-gate that will
> pass the messages to RF. The APRS packages I have seen really only
> include a listing for aprs.net and a couple of others. It would seem
> that if you wanted to pass what is third party messages from TCP/IP
> through to a wireless station or mobile, you need to know to connect
> via TCP/IP directly to the iGate that serves that area. I have been
> connecting through Steve's South Florida APRSServ and as far as I can
> tell it will not pass anything back to be transmitted via RF.
>
> It would be really helpful to have a list of iGate connections that
> are more cooperative. (Understanding the need to comply with FCC
> restrictions an third party messaging, of course.)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] Re: SENDING EMAIL FROM TH-D7

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Tue, 7 Sep 1999 11:32:38 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38450-1999.09.07-13.43.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I certainly didn't mean to criticize or minimize the efforts of those who have contributed to the development of these APRS technologies. Especially K4HG's. But, I can see how I may have been misunderstood.

Just as in voice repeaters, iGates and digis will have nuances of their own and thats how it should be. I only wanted to echo the comments that it would be nice if there was more documentation about the digipeaters and gateways available and the parameters for access.

Clark N7AAC

>
>So, rather than complain that some particular area does not have a two way
>fully functioning I-Gate as would be supported by the software writers, we
>need to look and see what our area needs the most and go ahead and do it.
>Yes, it will cost you some money but there is a lot of gratification out of
>knowing how much you have furthered our APRS hobby in your area.
>
>
>Herb, KB7UVC

>NW APRS Group, West Sound Coordinator
>www.nwaprs.org <http://www.nwaprs.org>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] Re: SENDING EMAIL FROM TH-D7

From: Jon Ogden <jono@enteract.com>
Date: Tue, 7 Sep 99 14:14:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38455-1999.09.07-14.25.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Clark A. Lowry N7AAC wrote:

>All well and good if you have a connection to an I-gate that will
>pass the messages to RF. The APRS packages I have seen really only
>include a listing for aprs.net and a couple of others. It would seem
>that if you wanted to pass what is third party messages from TCP/IP
>through to a wireless station or mobile, you need to know to connect
>via TCP/IP directly to the iGate that serves that area. I have been
>connecting through Steve's South Florida APRSServ and as far as I can
>tell it will not pass anything back to be transmitted via RF.

People,

Why don't some folks listen a while and learn to understand *HOW* the
APRS system works instead of using their own paradigm to understand it?

I and others have explained the e-mail bit until we are blue in the face
and yet people STILL argue about it.

Let's try again:

1.) The system is EXPERIMENTAL and infantile. This means that it may not
always work and it is relatively NEW.

2.) iGates do NOT need to be known. You do not set a path for them. If
someone has a local iGate in your area it will show up on your map.
Nearly every major area and most of the minor ones have iGates that can
be reached in a couple of hops. An iGate takes WHAT IT HEARS and sends
it to the internet. There is VERY LITTLE that an iGate (at this time)
sends to RF from the internet. The exception to this is EMAIL acks and a
few other things being bantied about. I do believe that an iGate
operator can selectively choose what he/she wants to have gated to RF.
EMAIL messages are always gated AFAIK.

3.) The APRS servers are not the same as iGates. There are only a few of
these "severs" AFAIK. Since everyone hears everyone else on the
internet, you don't need to connect to a specific iGate.

4.) Sending e-mail messages TO RF is not allowed at this time.

5.) To send an E-mail from RF to internet:

   a.) Put EMAIL in the "TO:" field.
   b.) In the subject field put the recipient's e-maill address followed
by a space and then the message to be sent.
   c.) When the message is sent the local iGate will put the message on
the internet where it will be heard by WU2Z's server. WU2Z's server will
then format the message and send it to the recipient via SMTP.
   d.) When "c" is done, WU2Z's server will send an ACK back through the
internet where your local iGate will send it back to you.

You may not get an ACK from the server. If you got an ACK you know your
message was sent. If you did not get an ACK, it may or may NOT have been
sent. Again, the system is experimental and in its infancy.

Again Internet to RF e-mail isn't allowed right now.

6.) APRS messaging from Internet to RF and vice-versa is different from
E-Mail. You MUST be a registered APRS user to use the internet messaging
feature. Also you don't "connect" to a specific iGate to send messages
to a user in that area. That would defeat the WAN concept of the
internet.

>It would be really helpful to have a list of iGate connections that
>are more cooperative. (Understanding the need to comply with FCC
>restrictions an third party messaging, of course.)

A third party who is an unlicensed HAM CANNOT and I repeat CANNOT
initiate a message to a HAM that will be transmitted on RF. The message
has to be originated by a licensed HAM on behalf of the "third party."
This is why a.) you must be a registered (and therefore a known ham) user
to send messages from the internet and b.) that internet to RF e-mail is
not allowed. WIth these two items in mind, the system works as it should.

So if you are trying to pass messages, you must use the correct
protocols, registration, etc. The safetys are in place exactly for the
reason that we need to comply with FCC rules.

I think a lot of confusion revolves around the iGates. People think they
need to specify them in their path (if you want to know what a packet
path is - RTFM) like you would specify a WIDE, GATE or RELAY, etc. But
this is not the case. iGates are completely passive.

The system works and works just fine.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] Messaging from TCP/IP to TH-D7A

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Tue, 7 Sep 1999 14:49:01 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38481-1999.09.07-16.59.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the explanation Jon. I should have changed the thread
subject when I sent my last comments. I really wasn't talking about
e-mail, I was referring to APRS messages issued from a registered
version of APRSx not being passed from a TCP/IP connection through to
an RF station.

In repeated tests using both WinAPRS and MacAPRS (both licensed),
messages issued through the TCP/IP connection were never acked or
received by my TH-D7. However, the reverse works just fine and RF to
RF has worked all over the country.

Point is, if anywhere in this chain of connections an iGate or
APRSServ connection is not allowing the passage of messages from a
TCP/IP connection out to an iGated RF station, or has any other
restrictions, or if there is something not intuitive needed by the
unproto entries, then we should not have to find out through trial
and error what is permitted and what isn't. If the iGates essentially
set up for restricted operations (ie. the Yuma/Phoenix connection and
essentially not "open" then this should be noted somewhere.

<<<Pause while I test it again before I hit the send button>>>

Nope, it still didn't work. I sent a test message via WinAPRS via
TCP/IP connection with aprs.net to KD7FWN (TH-D7). No ACK, No
message, No cigar.

Sent ?PING? from KD7FWN (the Kenwood) to N7AAC via
iGate/TCP/IP/WinAPR/. Perfect! Instant gratification.
>
>6.) APRS messaging from Internet to RF and vice-versa is different from
>E-Mail. You MUST be a registered APRS user to use the internet messaging
>feature. Also you don't "connect" to a specific iGate to send messages
>to a user in that area. That would defeat the WAN concept of the
>internet.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

73. [htaprs] Re: SMA to PL259 adaptor?

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Tue, 7 Sep 1999 15:16:46 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38486-1999.09.07-17.27.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>John wrote:
>
> >DONT get an adapter, get a small pig-tail cable with SMA on one end and
> >PL or SO-238 on other end. The adapter could put a lot of strain on the
> >radio and break the antenna connector. I got mine for $2 at the Miami
> >Hamboree but there are other sources.
>

Very good advice! My Icom T-21A had an SMA connector and the working
of the adapter eventually broke the antenna feed connection inside
the case. Had to send it to the Icom hospital.

Not learning my lesson well enough, I got in a hurry and tried to use
an adapter on my TH-D7. I thought I was being very careful not to
hurt the radio, but the adapter came apart in the middle where the
parts are just pressed together.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

74. [htaprs] Re: Read the manual please!

From: G7GUO@aol.com
Date: Tue, 7 Sep 1999 18:36:09 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38488-1999.09.07-17.47.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jono and everone else in this group. I have read and re-read the manual
but can not discover how to delete APRS messages in my TH-D7E. That is
messages I have prepared to transmit but do not require anymore. I know how
to delete station details from the list using the A/B key but the method does
not seem to work for messages. Am I being daft or what?
73, Simon G7GUO.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

75. [htaprs] Re: Read the manual please!

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Tue, 7 Sep 1999 18:04:48 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38491-1999.09.07-18.16.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Hi Jono and everone else in this group. I have read and re-read the manual
> but can not discover how to delete APRS messages in my TH-D7E. That is
> messages I have prepared to transmit but do not require anymore. I know
how
> to delete station details from the list using the A/B key but the method
does
> not seem to work for messages. Am I being daft or what?
> 73, Simon G7GUO.

There's only one way, a total reset.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

76. [htaprs] Re: SMA to PL259 adaptor?

From: Norman Huber <nihuber@ice.net>
Date: Tue, 07 Sep 1999 19:31:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38500-1999.09.07-19.42.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The ham that runs our Radio Shack said they do not have them in inventory
yet.
By the way, I was looking in Mouser's web site and could not find them. If
any one has a source of the adapter cable's to either Pl or BNC to SMA
cables please post.

Thomas Nowicki wrote:

> I was at AES this weekend, and was looking for an SMA to PL259 connector
> to hook the D7a to an external antenna. The guy at the counter said that
> Radio Shack sells these adaptors. Has anyone seen these at Radio Shack??
>
> Tom - KF9JW
>
> ---
> You are currently subscribed to htaprs as: nihuber@ice.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
Norm - N9ZKS
 Bicyclist, Motorcyclist, Ham , Scouter
 Year2000 Compliant

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] Manual DF bearing entry.

From: Ian Ashford <ian.ashford@dtn.ntl.com>
Date: Wed, 08 Sep 1999 01:41:18 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38501-1999.09.07-19.43.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anybody know how to manualy enter DF bearings on the THD7(e)?
I have tried several different DOS strings in the status text area,but
nothing works with winAPRS DF mode.

I see also that support for Home-Brew DF units has gone for WinAPRS :
Agrello do not sell the DF junior anymore.
 I would have to put all three of my daughters on the streets to be able
to afford their new DF unit!
Has anybody out there Programmed a PIC to convert Roanoke DF Raw RS232
to Agrello %nnn/q to allow use of WinAPRS with 16 LED DF units?

                                Thanks
                                        Ian G8PWE Birmingham (England)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] Re: Read the manual please!

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 7 Sep 1999 21:44:16 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38514-1999.09.07-20.54.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 9/7/99 6:36 PM, G7GUO@aol.com (G7GUO@aol.com) passed this wisdom:

>Hi Jono and everone else in this group. I have read and re-read the manual

>but can not discover how to delete APRS messages in my TH-D7E. That is
>messages I have prepared to transmit but do not require anymore. I know how
>to delete station details from the list using the A/B key but the method
>does
>not seem to work for messages. Am I being daft or what?
>73, Simon G7GUO.

 it is really quite simple - YOU CANNOT. The manual just doesn't tell you
that you cannoy - well it does sort of bu not telling you that you can!

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "Whoever fights monsters should see to it that in the
  process he does not become a monster." Freidrich Nietzsche

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] Re: Messaging from TCP/IP to TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Tue, 7 Sep 1999 21:14:43 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38520-1999.09.07-21.25.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Clark A. Lowry N7AAC wrote:

>In repeated tests using both WinAPRS and MacAPRS (both licensed),
>messages issued through the TCP/IP connection were never acked or
>received by my TH-D7. However, the reverse works just fine and RF to
>RF has worked all over the country.

What happens when you try to do the same thing but to APRS running on a
computer connected to the RF network?

Perhaps it is something flukey with the TH-D7A??

Perhaps some iGates aren't set up for reverse messaging. They *should*
be.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

80. [htaprs] Re: Read the manual please!

From: Jon Ogden <jono@enteract.com>
Date: Tue, 7 Sep 1999 21:19:25 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38522-1999.09.07-21.29.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G7GUO@aol.com wrote:

>Hi Jono and everone else in this group. I have read and re-read the manual
>but can not discover how to delete APRS messages in my TH-D7E. That is
>messages I have prepared to transmit but do not require anymore. I know how
>to delete station details from the list using the A/B key but the method

>does
>not seem to work for messages. Am I being daft or what?

Hi Simon,

I could have sworn this was in the manual, but I can't find it right now.

You can't delete messages from the message list. They delete
automatically when the message memory fills up.

Hope this helps.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

81. [htaprs] Re: SMA to PL259 adaptor?

From: Jon Ogden <jono@enteract.com>
Date: Tue, 7 Sep 1999 21:20:50 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38523-1999.09.07-21.32.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Norman Huber wrote:

>By the way, I was looking in Mouser's web site and could not find them. If
>any one has a source of the adapter cable's to either Pl or BNC to SMA
>cables please post.

I doubt Mouser has adapter cables. You may have to make them yourself.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] You too can be an IGATE

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 7 Sep 1999 23:07:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38537-1999.09.07-23.17.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you are running Win/Mac* APRS on 2M and start an Internet connection
then click on TWO PLACES in the APRS TCP/IP settings menu THEN
YOU become an IGATE

1. Click on Send local RF data to the internet

2. Click on Allow 3 party messages.

Let talk about what else you can do with number 1.

IF a balloon is sent up in your area using APRS or NEMA GPS format
then tune to what EVER frequency they are using 2M or 70 Cm
click 1 from above . You can also set APRS to be receive only so no RF packet
data will be sent from your station.

The point is any registered APRS station can pipe in data from event of
interest and all can watch.

*APRS-SA+ may do the same , I don't remember.

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] Dash Mounting and an Idea

From: "Rich Casey" <casey@acm.org>
Date: Tue, 7 Sep 1999 23:05:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38539-1999.09.07-23.21.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No problem here in dallas with the GPS-3+ on my Jeep dashboard all summer.

By the way, for temporary mounting on almost any surface, stop by Home
Depot's glue aisle and buy some DAP Fun-Tak for a couple bucks. It's a putty
you can use to stick on the dash or most anything else. Holds the GPS solid
until you want to pull it off, then it comes right off! Great stuff, except
in hot weather where it tends to get a little gooey. Still, it rolls back up
in a minute or two with no damage to the unit or the surface.
  The GPS-3+ was very handy during a recent trip along the Maine coast. I
loaded the Maine coastal counties in from the Garmin CD, and was able to use
it during the trip. Even had the lighthouses and buoys marked.
  Saw no APRS activity once I got out of Boston, but the GPS was really
helpful in the rented car (and fun while we were whale watching off Nova
Scotia too! I now have a WHALES waypoint....)
73,
Rich n5csu
Dallas
n5csu@amsat.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Re: SMA to PL259 try SMA TO BNC

From: "Erich Schulz" <eschulz@nsnw.net>
Date: Tue, 7 Sep 1999 23:59:41 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38560-1999.09.08-00.13.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You are not going to find it at Radioshack. I have a sma to bnc which is
much less strain. I use a bnc extension Male on one end and Female on the
other with a bnc to pl259.. Solves all the strain problems and allows you to
use bnc ht rubber duck antennas so I say go with SMA to BNC. It is avaible
at eletronic suppliers .
Electrotex on Forest Lane just east of Greenvile in Dallas. On the North
side of the street.

    Erich Schulz eschulz@nstar.net
    N0OOR   972-235-3627

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Re: SMA to PL259 try SMA TO BNC

From: Robert Winingham <kc5ejk@onramp.net>
Date: Wed, 8 Sep 1999 00:26:50 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-38563-1999.09.08-00.39.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>You are not going to find it at Radioshack.

well you might find something.

Someone go to RadioShack and ask for a

12050647   rsu # $15   (RSU are sometimes not in store but they can get)

and tell us what it is.

The New www.radioshack.com   is not up yet after the merging with
www.techAm.com   (Tech America)

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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86. [htaprs] Re: SMA to PL259 try SMA TO BNC

From: "Steve Steinberg" <kg2bd@hotmail.com>
Date: Wed, 08 Sep 1999 14:00:12 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38608-1999.09.08-13.11.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone tried the SMA to BNC Female cable from Cablexperts?

It's at the bottom of this page:
(http://www.cablexperts.com/cfdocs/cat.cfm?ItemGroup=9&itmsub=0&bskt=0&c=0)??

As previously stated, a pigtail would be better than an adapter.\

BTW, AES has the adapter for about $4.

Regards,
Steve kg2bd

>From: "Erich Schulz" <eschulz@nsnw.net>
>To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
>Subject: [htaprs] Re: SMA to PL259 try SMA TO BNC
>Date: Tue, 7 Sep 1999 23:59:41 -0500
>
>You are not going to find it at Radioshack. I have a sma to bnc which is
>much less strain. I use a bnc extension Male on one end and Female on the
>other with a bnc to pl259.. Solves all the strain problems and allows you
>to
>use bnc ht rubber duck antennas so I say go with SMA to BNC. It is avaible
>at eletronic suppliers .
>Electrotex on Forest Lane just east of Greenvile in Dallas. On the North
>side of the street.
>
>   Erich Schulz eschulz@nstar.net
>   N0OOR   972-235-3627
>
>

_____
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87. [htaprs] Re: SENDING EMAIL FROM TH-D7

From: Steve Dimse <sdimse@netrox.net>
Date: Wed, 8 Sep 1999 18:31:09 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38639-1999.09.08-17.41.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 9/7/99 1:01 PM Clark A. Lowry N7AAC (N7AAC@aztenx.org) wrote:

>I have been
>connecting through Steve's South Florida APRSServ and as far as I can
>tell it will not pass anything back to be transmitted via RF.
>
>It would be really helpful to have a list of iGate connections that
>are more cooperative.

Miami APRServe is fully bidirectional. Please do not call my station
uncooperative!

> (Understanding the need to comply with FCC
>restrictions an third party messaging, of course.)

We use the term "third party", but it is not the same as the FCC third
party definition:

A message from the control operator (first party) of an amateur station
to another amateur station control operator (second party) on behalf of
another person (third party).

Any message that is originated by the first party, is not a third party
message...

Also, remember the restrictions only apply to messages to some foreign
countries.

Steve K4HG

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88. [htaprs] Re: SENDING EMAIL FROM TH-D7

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Wed, 8 Sep 1999 16:39:04 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-38647-1999.09.08-18.49.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry Steve. A poor choice of words in the heat of the moment. I
certainly don't mean to criticize your efforts.

My focus right now is in communications between TCP/IP connected
fixed stations and RF mobile stations in a "search and rescue" type
of environment. The frustrations have, come as a result of not being
able to pass APRS messages from a TCP/IP only station through to an
RF station.

Questions to this and other SIGs have produced answers that suggested
that I needed registered versions of APRSx (which I have) or that the
messages are being restricted at the iGate or APRServ level. If this
incorrect, please direct me to a solution.

It may be that this problem is unique to my area and my simplest
solution would be to set up my own iGate, but I hesitated to
duplicate the three already established in my area without some sort
of coordination. I also visualize the burden on the APRS Servers to
have to sort and delete the redundancies created if everyone with a
home based relay digi decided to also be an iGate. This may not seem
like a big problem now, but as this grows we may see that the
difficulties faced by the Illinois APRS Server was only a shadow of
things to come.

~~~~~~
Clark Lowry N7AAC N7AAC@aztenx.org
Founding Member: Spook Hill Amateur Radio Club (SHARC)
Founding Member: Arizona Desert 10-10 Chapter #06F
  10-10 International #68954
~~~~~~

```
10226 E. Iris Rd.          Yaesu FT-920 W/100-600 Watts HF+6m
Mesa, Maricopa County      ICOM IC-706, IC-2350, IC-W32A, IC-T21A,
Arizona, 85207  DM43       Kenwood TM-V7 Remote base, TH-D7A Tracker
                            72 ft tower, 4-element RAIBEAM on 10m
480-354-9300               2-element Raibeam on 20m
602-619-5007 Cell          7-element Force 12 on 6m, 26B2 on 2m,
800.880.3896 Toll Free     AN-99  on 10m  Half Square on 6m
602-530-2400 Fax           Lazy "Z" Windom for 80 thru 6 meters

Check out our Web site at http://www.aztenx.org Sign our guestbook
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```

89. [htaprs] Re: SENDING EMAIL FROM TH-D7

From: Steve Dimse K4HG <k4hg@tapr.org>
Date: Wed, 8 Sep 1999 19:50:57 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38651-1999.09.08-19.02.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 9/8/99 8:39 PM Clark A. Lowry N7AAC (N7AAC@aztenx.org) wrote:

>Sorry Steve. A poor choice of words in the heat of the moment. I
>certainly don't mean to criticize your efforts.
>
>My focus right now is in communications between TCP/IP connected
>fixed stations and RF mobile stations in a "search and rescue" type
>of environment. The frustrations have, come as a result of not being
>able to pass APRS messages from a TCP/IP only station through to an
>RF station.
>
>Questions to this and other SIGs have produced answers that suggested
>that I needed registered versions of APRSx (which I have) or that the
>messages are being restricted at the iGate or APRServ level. If this
>incorrect, please direct me to a solution.
>
At least one Igate I see in your area is ruinning WinAPRS. Have you
contacted the operators in your area to ensure that they have checked the
"enable third party messages" in the setup? APRServe and aprsd have other
means of configuring the IGates. There is no filtering that occurs in
APRServe.

>It may be that this problem is unique to my area and my simplest
>solution would be to set up my own iGate, but I hesitated to
>duplicate the three already established in my area without some sort
>of coordination. I also visualize the burden on the APRS Servers to
>have to sort and delete the redundancies created if everyone with a
>home based relay digi decided to also be an iGate. This may not seem
>like a big problem now, but as this grows we may see that the
>difficulties faced by the Illinois APRS Server was only a shadow of
>things to come.
>
The duplicates present no difficulty to the APRServe network, the
algorithm to filter them out is very efficient. The ilnorth issue was
uniqu. It was hosted by an ISP that was fed only with dual ISDN lines, a
very low bandwidth connection.

Steve K4HG

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90. [htaprs] Re: Alinco $88 HT @ 9600 Baud

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 9 Sep 1999 10:25:44 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38751-1999.09.09-11.37.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga bruninga@nadn.navy.mil wrote some results on some mighty fine tinkering.
Included was:

>For an external antenna, there is a SIP header on the board with 2 pins
>just for this purpose. I soldered a short 3 foot pigtail with a BNC on
>the end to this point, just long enough to reach a handheld antenna.

For another take on obtaining the antenna connection, see:
http://hamradio.mail1.com/alinco/

In the picture titled "Installing new SMA Connector and Ground Wire" you can clearly see the 2-pin SIP that Bob refers to, which contains the RF signal and ground connections. I used that ground point instead of the circuit trace as seen in the photo, when I did my own mod. The SMA gets it's signal connection not from the SIP but from the spring plunger that touches the stock antenna.

If you use a nut and washer on both sides of the radio's back panel you can clamp things up nice and tight, and be at least as rugged as any original equipment HT's with SMA connectors.

There are many right angle SMA connectors that are almost able to work, but not quite because of the very tight space in the back panel. I don't know if the newly added DigiKey part #J609 will work, but it looks about right once you cut off the solder tab.

73,
Tony KD7CEJ

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91. [htaprs] How to configure the TH-D7 to receive 9600 bps satellites into Hyperterm?

From: "Daniel Lavoie" <lavoied@istar.ca>
Date: Thu, 9 Sep 1999 22:35:21 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38810-1999.09.09-21.49.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got my TH-D7 in packet mode connected to HyperTerminal. I'm able to send commands to the D7 such as HB 9600, MONITOR ON, KISS ON but what's the proper configuration to receive the 9600 bps packets from satellites?

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92. [htaprs] TH-D7 Up and running.. question about using an external power RF amp

From: "ward carpenter" <wardc1@ibm.net>
Date: Fri, 10 Sep 1999 08:40:53 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38863-1999.09.10-07.55.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HI all, I got my TH-D7 up and running in the car (and portable) working with my Garmin GPS II+ last night! Turns out that the gps connecting cable provided by Kenwood was defective (going to call them today for a replacement). After messing around for 2 days I used the old VOM to find that the cable had an open somewhere. Quick trip to Radio Shack (they don't have any stereo 3/32 size that can be soldered to so I had to get a 1/8 stereo plug to attached the wire to and then an 1/8 to 3/32 adapter to get it to work.. kind of kludge ... but it proves that the system works now!)

Ok, now to the point of my posting... I live in Southwestern CT where the hills are many and the digis are few. On my daily commute, it is hard to hit those that are up and running. I realize that with the 6 watts out on the TH-D7, I may not have the power needed to be heard by the digis. I have an RF Concepts RF amp that will give me 30 watts out. Back in my old packet days, I recall using TXDELAY on my old base packet system of around 25 ms. I see that I can set this in the TH-D7....does anyone have experience with using an external RF amp with the TH-D7? Any suggestions? Will this help or just hinder...?

Thanks,

Ward
N1CUI

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93. [htaprs] Re: How to configure the TH-D7 to receive 9600 bps satellites into Hyperterm?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 10 Sep 1999 08:51:46 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-38866-1999.09.10-08.02.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 9 Sep 1999, Daniel Lavoie wrote:

> I got my TH-D7 in packet mode connected to HyperTerminal. I'm able to send
> commands to the D7 such as HB 9600, MONITOR ON, KISS ON but what's the
> proper configuration to receive the 9600 bps packets from satellites?

Run any of the PACSAT programs and indicate receive-only mode.

In Kiss mode, you will see all packets (mostly gyberish)...
In normal packet mode, the TNC will ignore all the gyberish data packets
of the PACSAT protocol since they have a non-standard PID, but it will
display all of the Beacon typ0e packets including status, telemetry, and
etc...

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94. [htaprs] Re: TH-D7 Up and running.. question about using an external power RF amp

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Fri, 10 Sep 1999 06:29:15 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-38871-1999.09.10-08.39.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have not tried using an amplifier with my TH-D7A because when I
used a 50w mobile with my GPS II+, the GPS went berserk each time I
transmitted.

>.... I have an RF Concepts RF amp that will give me 30 watts out.
>Back in my old packet
>days, I recall using TXDELAY on my old base packet system of around 25 ms. I
>see that I can set this in the TH-D7....does anyone have experience with
>using an external RF amp with the TH-D7? Any suggestions? Will this help or
>just hinder...?

~~~~~~
Clark Lowry N7AAC   N7AAC@aztenx.org
Founding Member: Spook Hill Amateur Radio Club (SHARC)
Founding Member: Arizona Desert 10-10 Chapter #06F
                           10-10 International #68954
10226 E. Iris Rd.   Yaesu FT-920 W/100-600 Watts HF+6m
Mesa, Maricopa County   ICOM IC-706, IC-2350, IC-W32A, IC-T21A,
Arizona, 85207 DM43   Kenwood TM-V7 Remote base, TH-D7A Tracker
                           72 ft tower, 4-element RAIBEAM on 10m
480-354-9300   2-element Raibeam on 20m
602-619-5007 Cell   7-element Force 12 on 6m, 26B2 on 2m,
800.880.3896 Toll Free   AN-99 on 10m Half Square on 6m
602-530-2400 Fax   Lazy "Z" Windom for 80 thru 6 meters

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95. [htaprs] Re: TH-D7 Up and running.. question about using an external power RF amp

From: Jon Ogden <jono@enteract.com>
Date: Fri, 10 Sep 99 09:19:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38879-1999.09.10-09.30.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ward carpenter wrote:

>Ok, now to the point of my posting... I live in Southwestern CT where the
>hills are many and the digis are few. On my daily commute, it is hard to hit
>those that are up and running. I realize that with the 6 watts out on the

>TH-D7, I may not have the power needed to be heard by the digis. I have an
>RF Concepts RF amp that will give me 30 watts out. Back in my old packet
>days, I recall using TXDELAY on my old base packet system of around 25 ms. I
>see that I can set this in the TH-D7....does anyone have experience with
>using an external RF amp with the TH-D7? Any suggestions? Will this help or
>just hinder...?

Ward,

Congrats on getting the new radio working!

FYI, Radio Shack does sell a cord with that little connector on it. It
is a pain to work with and the wires are small and not easily solderable
but it does work. It's a hands free extender cable in their cellular
phone section.

Anywho, regarding an amp: You can't set TXDELAY in the normal APRS mode
(TNC button pushed once). However, I don't think you'll have any
problems. I use the Radio Shack amp with my radio. It works great and I
get around 40 Watts out of it when I run the radio on high power (voltage
supplied by Kenwood power cable). So it works great for me and you'll
have good luck with yours too.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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96. [htaprs] Re: TH-D7 Up and running.. question about using anexternal power RF amp

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Fri, 10 Sep 1999 08:51:10 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-38889-1999.09.10-11.02.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Interesting.... I have a 50 watt mobile ICOM that doesn't seem to cause any
>problem with my GPS... I have the GPS sitting on my dash using the attached
>antenna for the sat signals..... is your GPS antenna outside near your 2
>meter antenna?
>

I am now using a III+ with my TH-D7 with the suction cup style
antenna extension for the GPS stuck to the inside of the windshield
and a mag mount for the Kenwood on the roof. I have no problems with
this new setup.

I suspect that metal roof between the two antennas helps. When I was
running a GPSII with an active antenna on the roof and my 50w Icon
2350 hooked to a Diamond dual band antenna, the GPS would blink
repeatedly and then reset every time the xmitter keyed. Looking at
that now, I shouldn't be suprised.

Clark N7AAC

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97. [htaprs] Re: TH-D7 Up and running.. question about using anexternal power RF amp

From: Jon Ogden <jono@enteract.com>
Date: Fri, 10 Sep 99 11:45:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38896-1999.09.10-11.56.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Clark A. Lowry N7AAC wrote:

>I suspect that metal roof between the two antennas helps. When I was
>running a GPSII with an active antenna on the roof and my 50w Icon
>2350 hooked to a Diamond dual band antenna, the GPS would blink
>repeatedly and then reset every time the xmitter keyed. Looking at
>that now, I shouldn't be suprised.

Actually that's very strange.

I suspect RF was getting in from somewhere but not your antenna - I'd
rather suspect power supply lines. A patch antenna at 1.2 GHz has
virtually zero gain and nearly infinte VSWR at 145 MHz. Also, the active
antenna assemblies typically contain a ceramic bandpass filter to knock
out any signals that do get in. So the RF affecting the GPS was not
likely though the antenna.

My GPS has never given me any problems when running power - even when
running 100 W of HF power.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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98. [htaprs] Re: TH-D7 Up and running.. question about using an external power RF amp

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 10 Sep 1999 12:11:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-38901-1999.09.10-12.23.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Quick trip to Radio Shack (they don't
>have any stereo 3/32 size that can be soldered to so I had to get a 1/8
>stereo plug to attached the wire to and then an 1/8 to 3/32 adapter to get
>it to work.. kind of kludge ... but it proves that the system works now!)

You must live in the NON-Metric area of CT. The PROP 2.54 ?

IF you took in the 2.5 MM plug a good sales rep should have directed you to
several solutions. The extender cable or the cheap headsets that use that
same plug and cable.

>RF Concepts RF amp that will give me 30 watts out.

I have one and the Radio shack unit both works with the D7a.
I even tried lowering the TXDEL parameter until I stopped seeing
my packets return from the Digi. The lowest limit was around 10

When Digis were few in Dallas, I found that a better antenna like a
 Z-780 Mobile Dual/Band 4.5 dBi 5 Ft long (tree whacker) helped.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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99. [htaprs] Re: TH-D7 Up and running.. question about using an external power RF amp

From: "ward carpenter" <wardc1@ibm.net>
Date: Fri, 10 Sep 1999 13:49:57 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38908-1999.09.10-13.01.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Robert Winingham <kc5ejk@onramp.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Sent: Friday, September 10, 1999 1:11 PM
Subject: [htaprs] Re: TH-D7 Up and running.. question about using an
external power RF amp

>
> You must live in the NON-Metric area of CT. The PROP 2.54 ?

Ok, time for my ignorence to show.... what is PROP 2.54?

I live in Ridgeifeld, CT and work in Southbury, CT.   29 mile drive each way
on I84 / US Rt 7 / CT Rt 35 / and a couple of local roads. There are about
three points on the drive where I can hit a digi (don't know which)
otherwise, I hear lots of traffic but little of it will register on the
TH-D7.

>
> IF you took in the 2.5 MM plug a good sales rep should have directed you
to
> several solutions. The extender cable or the cheap headsets that use that
> same plug and cable.

Well, small Radio Shack in Southbury and Ridgefield. I need to hit the "big"
one in Danbury!
>
>
>
> >RF Concepts RF amp that will give me 30 watts out.
>
> I have one and the Radio shack unit both works with the D7a.
> I even tried lowering the TXDEL parameter until I stopped seeing
> my packets return from the Digi. The lowest limit was around 10
>
> When Digis were few in Dallas, I found that a better antenna like a
> Z-780 Mobile Dual/Band 4.5 dBi 5 Ft long (tree whacker) helped.

I have a Larson Dual Band with 4.5 dBi right now, so once I get the RF Amp
going, I think I will be ok.

73's

ward
n1cui
>
>
> 73
>

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100. [htaprs] Re: SMA to PL259 adaptor?

From: John W Wilson <z004391b@bc.seflin.org>
Date: Fri, 10 Sep 1999 19:45:07 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-38961-1999.09.10-18.56.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don't blame the SMA, it happens on many Icom radios. The connection of
the antenna to the PCboard is not very strong, especially if the ring nut
and screw for the antenna fittings come loose.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Tue, 7 Sep 1999, Clark A. Lowry N7AAC wrote:

> >John wrote:
> >
> > >DONT get an adapter, get a small pig-tail cable with SMA on one end and
> > >PL or SO-238 on other end. The adapter could put a lot of strain on the
> > >radio and break the antenna connector. I got mine for $2 at the Miami
> > >Hamboree but there are other sources.
> >
>
> Very good advice! My Icom T-21A had an SMA connector and the working
> of the adapter eventually broke the antenna feed connection inside
> the case. Had to send it to the Icom hospital.
>
> Not learning my lesson well enough, I got in a hurry and tried to use
> an adapter on my TH-D7. I thought I was being very careful not to
> hurt the radio, but the adapter came apart in the middle where the
> parts are just pressed together.
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

101. [htaprs] WISP configuration for PACSAT reception on a TH-D7

From: "Daniel Lavoie" <lavoied@istar.ca>
Date: Sat, 11 Sep 1999 23:11:11 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39097-1999.09.11-22.22.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Now that I'm a proud owner of a TH-D7, I would like to listen to the PACSAT
satellites K0-25 and UO-22 (and any other digital satellites that I can
receive with a TH-D7). As somebody suggested earlier, I got WISP32 and
installed it for the first time.

I don't understand this program very well, so I desperately need some
instructions on how to configure WISP for KO-25 and UO-22. I tried to enter
the information for KO-25 but when it asked for my TNC model there wasn't an
entry for TASCO.

With WinOrbit I was able to track KO-25 but I didn't ear anything as it went
overhead. What does 9600bps packets sound like? Actually, my squelch
didn't even open. Since there are no 9600 packet bbs around here, I can't
test my D7 to see if it's even able to copy 9600bps.

I would appreciate any help.

Thanks

Daniel

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] UI digipeating via AO16/LO19 (fwd)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 12 Sep 1999 12:51:52 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39184-1999.09.12-12.04.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For your APRS info, here is what I posted to AMSAT after Jeff's AO16
successes this weekend...

---------- Forwarded message ----------
Date: Sun, 12 Sep 1999 01:16:01 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: amsat-bb@AMSAT.Org

Maybe to help the Satellite community understand what we are trying to do
with APRS via satellites and these early tests on AO16/LO19 with UI
packets, it might be useful to think of it as "worldwide two-way LIVE
amateur message paging". Several things underlie this interest:

1) The Kenwood THD7 HT is capable of sending text messages from its
keyboard and receiving and displaying them on its LCD display. With the
MIR digipeater, we thus found that we could send and receive messages from
our SHirt pockets with rubber ducks. Thus we HAVE the handheld amateur
satellite radio! Now, without MIR, we need another satellite.

2) We have a worldwide APRS informally linked Internet network that
distributes any packet heard ANYWHERE to EVERYWHERE. Kind of like
cellular phone systems. The internet links all the cells on the planet
together, while the users are all using their radios within their cell.
But with out any knowledge of how, they can communicate with anyone
anywhere simply by knowing their CALLsign.

3) The IGates that link every cell into the internet are nothing
special! They are nothing more than ANYONE who happens to be running
APRS while he is Logged on to his ISP (Even if he is doing something
else!). THus, there are no special nodes, software, or Gateways.
Anyone and everyone can be a gateway at any time. Thus, as long as anyone
can be heard anywhere, he can communicate anywhere. Thus, as long as we
have at least ONE station on each continent listening to AO16/LO19, then
any messages via that satelite can go ANYWHERE on the planet within the
APRS infrastructure in real time.

4) Thus, the desire for a Satelite Digipeater to allow remote users who
are not near any of the terrestrial network, to send and receive messages
during a pass. Remember, in APRS, a MESSAGE is typically ONE LINE or so.
You can say a LOT in one line if you want to... As a UI packet, there is
NO connection, NO acks, NO timeouts, NO Queues. As long as you see your
one or two packets digipeated, then you can assume they got there...

5) Since APRS is a live two-way system, All of the above, assumes that the
recepient of a message has his radio on. In APRS there is no store-and-
forward. Messages are deliverd LIVE or not at all. With one exception.
A message can be addressed to "EMAIL" and a server written by WU2Z will
ACK the message and wrap it into an Email message for the internet.

Thus, today I received the following:

---------- Forwarded message ----------
Date: Sat, 11 Sep 1999 14:32:32 -0400 (EDT)
From: KB2WQM-1@unknown.net
To: wb4apr@amsat.org
Subject: APRS Message from KB2WQM-1

hello via pacsat

Message received by MacAPRS IGate station WU2Z
Located in NO BRUNSWICK, NJ
APRS path = KB2WQM-1>APS199,INTERNET TCP/IP

As you can see, Jeff, KB2WQM sent this from his boat using a conventional
2 meter FM radio, and OMNI mobile antenna, and a manchester or modified
TAPR-2 TNC. It was digipeated by AO16. It was monitored by an IGate
somewhere and injected into the worldwide APRS stream (TELNET to
199.227.86.221 port 23) There it would normally pop back out to RF at any
IGate that had heard me locally. But since he sent it to EMAIL, the WU2Z
server picked it up and Emailed it to me...

This is only an unusual example of APRS messaging. Normally he would have

just sent the message directly to my station (most APRS operators leave
their station on the air at all times). But here he decided to demo how
APRS messages can also be delivered via Email.

Unfortunately, without MIR, the only other digipeaters in space that
welcome APRS UI packets are AO16 and LO19. For now, this prevents the
Kenwood HT from being used since it does not have a manchester TNC.
But anyone with a TAPR-2 clone TNC and 2m FM mobile radio can make a $3
mod and transmit. We want to demonstrate this capability to encourage
more digipeaters in space for mobile/handheld two-way brief messaging.

I hope this paints the larger picture and helps explain where we are
trying to go. And despite what *used to be* very special hardware
requirements to operate the 1200 baud pacsats, Remember that NOW anyone
can transmit up to AO16/LO19 relatively simply and we only need a few
listening...

de WB4APR, Bob

For more info see http://web.usna.navy.mil/~bruninga/traknet.html

----
Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] Files for San Francisco, northern California and Reno/lake Tahoe

From: "Erich Berman" <erich@berman.org>
Date: Sun, 12 Sep 1999 21:34:16 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39281-1999.09.12-21.45.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,

I will be travelling to San Francisco, northern California and the
Reno/Lake Tahoe area in a few weeks. While I'm there I'd like to bring
my BC-245 scanner along and listen to the local action. I'd appreciate
any files sent to me that I can upload to the 245. I can accept files in
WinScan and RadioMax format and any other files in text or .XLS format.

For hams, I also intend to bring along my TH-D7A if you have any
Kenwood MCP files for it.

An e-mail with attachment to the address above would be much
appreciated. Thanks.

Erich
N9RTM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] Re: TH-D7 Up and running.. question about using anexternal power RF amp

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Mon, 13 Sep 1999 11:49:12 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39402-1999.09.13-13.02.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden jono@enteract.com wrote:
>Clark A. Lowry N7AAC wrote:

>>I suspect that metal roof between the two antennas helps. When I was
>>running a GPSII with an active antenna on the roof and my 50w Icon
>>2350 hooked to a Diamond dual band antenna, the GPS would blink
>>repeatedly and then reset every time the xmitter keyed. Looking at
>>that now, I shouldn't be suprised.

>Actually that's very strange.

>I suspect RF was getting in from somewhere but not your antenna - I'd
>rather suspect power supply lines. A patch antenna at 1.2 GHz has
>virtually zero gain and nearly infinte VSWR at 145 MHz. Also, the active

>antenna assemblies typically contain a ceramic bandpass filter to knock
>out any signals that do get in. So the RF affecting the GPS was not
>likely though the antenna.

>My GPS has never given me any problems when running power - even when
>running 100 W of HF power.

Typical for me too. With a 50W Yaesu 8100R feeding a Diamond NR770 dual bander on a rooftop magmount just 6 to 12" away from my Garmin active antenna also on it's magmount, the GPS would never care when I keyed the 2M or 70cm RF at full power. Not even a wiggle of the GPS's S/N ratio bars was ever seen.

On the other hand, if I didn't put ferrites onto the external-speaker and incoming-power leads of the Yaesu, I could easily create a "stuck mike" via using full power xmits. I suspect that may be the most productive kind of path to follow with the bonkers GPS problem too. How are you powering the GPS, Clark? Maybe the power lead is a 2M-resonant length. If so, try adding some more length in the form of ferrite wraps, as close to the GPS as you can get.

Tony A. KD7CEJ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] D7a DIGIs [Was: [aprssig] Second Highest Altitude Digi's]

From: Arte Booten <n2zrc@webspan.net>
Date: Sun, 12 Sep 1999 21:45:44 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39405-1999.09.13-13.43.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

John W. wrote:

>I don't think the TH-D7A digipeats.

     Not left to its own device, so to speak. But there's a setting in
pocketAPRS that would seem to effectively do the same thing.   73
____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|
   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

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106. [htaprs] Re: TH-D7 Up and running.. question about using anexternal power RF amp

From: Jon Ogden <jono@enteract.com>
Date: Mon, 13 Sep 99 16:10:07 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39423-1999.09.13-16.20.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tony Arnerich wrote:

>On the other hand, if I didn't put ferrites onto the external-speaker and
>incoming-power leads of the Yaesu, I could easily create a "stuck mike"
>via using full power xmits. I suspect that may be the most productive kind
>of path to follow with the bonkers GPS problem too. How are you powering
>the GPS, Clark? Maybe the power lead is a 2M-resonant length. If so, try
>adding some more length in the form of ferrite wraps, as close to the GPS
>as you can get.

Agreed.

RF is probably getting into his GPS unit via the power cord which in
turns causes the micro-p in the GPS to go bonkers. And as you say, it's
easily cured with some fairly low cost ferrites.

Amidon sells some nice ferrite donuts that you can wrap the cord on and

they do an amazing job. Even the Radio Scrap units are the correct
material for 2M and will do fine.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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107. [htaprs] Garmin GPS 35 extension model

From: Jack_Yu@sanlien.com.tw
Date: Tue, 14 Sep 1999 11:46:08 +0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39475-1999.09.13-22.59.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear All:

can anyone advice which extension model of Garmin GPS 35 is the most
suitable for D7 application? Thank you.

Sincerely,

Jack Yu

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] Re: TH-D7 Up and running.. question about using anexternal power RF amp

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Tue, 14 Sep 1999 05:50:13 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-39515-1999.09.14-08.01.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> How are you powering the GPS, Clark? Maybe the power lead is a
>2M-resonant length. If so, try adding some more length in the form
>of ferrite wraps, as close to the GPS as you can get.
>
>Tony A. KD7CEJ
>

I managed to let the GPS II get stolen from my truck and have
replaced it with a GPS III+ which I have had no problems with.

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109. [htaprs] New Handspring PDAs - GPS planned!

From: "Tim Russell" <timruss@home.com>
Date: Tue, 14 Sep 1999 09:42:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39547-1999.09.14-09.52.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Whoa - I was just reading about the new PalmPilot-compatible handhelds from
Handspring, the company started by the original Palm designers.

Besides the fact that these units look NICE - with a USB cradle available as
well (yes!), they also accept plug-in modules, and the CNN story says that a
GPS module is planned!!!!!

Very cool indeed for APRS use, I daresay...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] RE: New Handspring PDAs - GPS planned!

From: "Mark Keiser" <mkeiser@chi.navtech.com>
Date: Tue, 14 Sep 1999 09:57:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39550-1999.09.14-10.09.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

But will it run Palm APRS?

> -----Original Message-----
> From: bounce-htaprs-8625@lists.tapr.org
> [mailto:bounce-htaprs-8625@lists.tapr.org]On Behalf Of Tim Russell
> Sent: Tuesday, September 14, 1999 9:42 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] New Handspring PDAs - GPS planned!
>
>
> Whoa - I was just reading about the new PalmPilot-compatible
> handhelds from
> Handspring, the company started by the original Palm designers.
>
> Besides the fact that these units look NICE - with a USB cradle
> available as
> well (yes!), they also accept plug-in modules, and the CNN story
> says that a
> GPS module is planned!!!!!
>
> Very cool indeed for APRS use, I daresay...
>
>
>
> ---
> You are currently subscribed to htaprs as: mkeiser@chi.navtech.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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111. [htaprs] RE: New Handspring PDAs - GPS planned!

From: Jean Paul Pierrepont <crossbow@kconline.com>
Date: Tue, 14 Sep 1999 10:09:35 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-39551-1999.09.14-10.18.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark Keiser wrote:
>
> But will it run Palm APRS?
>

Well..Should someone call/write for specs to see what it will do as far
as data streams?

Paul KB9AVO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] RE: New Handspring PDAs - GPS planned!

From: "Pat \"BUFF\" Hykkonen" <pat@hykkonen.net>
Date: Tue, 14 Sep 1999 10:03:08 -0500 (CDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39552-1999.09.14-10.20.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 14 Sep 1999, Mark Keiser wrote:

> But will it run Palm APRS?
>
> > -----Original Message-----
> > Subject: [htaprs] New Handspring PDAs - GPS planned!
> >
> >
> > Whoa - I was just reading about the new PalmPilot-compatible
> > handhelds from
> > Handspring, the company started by the original Palm designers.
> >
> > Besides the fact that these units look NICE - with a USB cradle
> > available as
> > well (yes!), they also accept plug-in modules, and the CNN story
> > says that a
> > GPS module is planned!!!!!
> >
> > Very cool indeed for APRS use, I daresay...

Yes, it will run PocketAPRS and all other PalmOS applications
reportedly. Eight megabytes should be enough to hold large detailed
maps too!

--
Pat Hykkonen, N5NPL
pat@hykkonen.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] RE: New Handspring PDAs - GPS planned!

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Tue, 14 Sep 1999 12:32:28 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-39568-1999.09.14-14.43.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Mark Keiser wrote:
> >
> > But will it run Palm APRS?
> >

Says they licensed the Palm OS from 3Com.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] RE: New Handspring PDAs - GPS planned!

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 14 Sep 1999 19:17:48 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39598-1999.09.14-18.28.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 9/14/99 10:09 AM, Jean Paul Pierrepont (crossbow@kconline.com) passed
this wisdom:

>Mark Keiser wrote:
>>
>> But will it run Palm APRS?
>>
>
>Well..Should someone call/write for specs to see what it will do as far
>as data streams?

Web Page says it has licensed Palm OS 3.1

Brian B. Riley --> http://members.macconnect.com/~brianbr
For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"...and on the 7th day GOD turned off His MacIntosh" Apple Wizards Jun98

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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115. [htaprs] floyd decode

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Wed, 15 Sep 1999 10:10:52 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39658-1999.09.15-03.34.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

I've been gating TROPIC objects and WWIN bulletins for a couple of days now
but the don't seem to decode on the th-d7
I've noticed that the to call for both is WX so my gues is that the th-d7
doesn't see WX as an aprs call
is this correct or is somthing else going on?

speaking of floyd when i was online yesterday from 18:00 utc till 21:00 utc
i didn't see any TROPIC or WWIN trafic
did the shut down because of the evacuation or is there an other reason?

73 de Andre PE1RDW

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116. [htaprs] Re: floyd decode

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 15 Sep 1999 10:16:42 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-39686-1999.09.15-09.27.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 15 Sep 1999, Schayk A.H. van wrote:

> I've been gating TROPIC objects and WWIN bulletins for a couple of days now
> but the don't seem to decode on the th-d7
> I've noticed that the to call for both is WX so my gues is that the th-d7
> doesn't see WX as an aprs call
> is this correct or is somthing else going on?

I think you got it correctly. APRS expects only certain TOCALLS...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

117. [htaprs] Re: floyd decode

From: "Dale Huguley" <kg5qd@worldnet.att.net>
Date: Thu, 16 Sep 1999 03:18:01 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39791-1999.09.15-22.32.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob and all- I tried a TOCALL of "APWX" but Winaprs will not react to it.
I decided to use a page from the Microsoft marketing page and turn this
"bug" into a "feature". The packets that will make sense on a th-d7 are
sent to "APRS". The rest are sent to WX so that they don't clutter up the
screen or the memory of the handheld.

With the landfall of Floyd, there should be lots of tornado and severe
thunderstorm warnings-
read
TOR 15 NORTHmov WEST @12 SMITHVILLE
as Tornado [OFFSET][course and speed][Name of reference point] or
Tornado 15 miles north of Smithville Moving west at 12 mph
this rather odd sequence is to make the data land at predictable places on
the th-d7 screen

I was wondering why no one ever comented on seeing a warning on their
handheld- the WX thing was the problem

73 de kg5qd Dale
>On Wed, 15 Sep 1999, Schayk A.H. van wrote:
>
>> I've been gating TROPIC objects and WWIN bulletins for a couple of days
now
>> but the don't seem to decode on the th-d7
>> I've noticed that the to call for both is WX so my gues is that the th-d7
>> doesn't see WX as an aprs call
>> is this correct or is somthing else going on?
>
>I think you got it correctly. APRS expects only certain TOCALLS...
>
>de WB4APR, Bob

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118. [htaprs] APRS National Symposium at DCC

From: Steve Dimse <k4hg@tapr.org>
Date: Thu, 16 Sep 1999 21:22:25 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39991-1999.09.16-20.34.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is the tentative schedule for the APRS National Symposium at DCC,
Friday September 24 at 1 PM, in Phoenix. If you want more info about the
DCC, please see http://www.tapr.org/dcc

As usual the day is long, and yet most speakers would like twice as much
time. Still, this year's program should be the best yet!

1:00 Steve Dimse K4HG.........Welcome
1:10 Bob Bruninga WB4APR......APRSdos and TrakNet update
2:00 Keith Sproul WU2Z........MacAPRS/WinAPRS Update
2:40 Mark Sproul KB2ICI.......XAPRS
3:00 Break
3:15 Brent Hildebrant KH2Z....APRS+SA Update
4:00 Steve Dimse K4HG.........Internet and APRS
4:20 Rob Wittner KZ5RW........WinCE version
4:40 Stan Horzepa WA1LOU......Kenwood TH-D7 Tricks, Treats,
                                and Tragedies
5:10 Break
5:20 David McCarthy KC7AYX....Arizona APRS
5:35 Mike Musick N0QBF........PocketAPRS
6:15 Steve Bible N7HPR........Microcontrollers and APRS
6:45 John Ackerman N8UR.......APRS Working Group Update

This seminar will mark the release of version 1.0 of PocketAPRS, possibly
a public beta of a WinCE version, and new versions of many of the other
clients. Surprises are always possible too. Almost half the papers to be
presented at the main session on Saturday pertain to APRS, and the Sunday
Technical Seminar is on PIC processors.

Don't miss this year's DCC!

Steve K4HG

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119. [htaprs] Broken Connector

From: "Jack Parker" <jparker@iquest.net>
Date: Sat, 18 Sep 1999 21:50:01 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-40345-1999.09.18-21.57.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bummer. I found out how flimsy the stereo connector was today. The tip
broke off inside the PC slot of the D7A. Now I'm looking for a simple way
to get it out. Any clues?
Thanks

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120. [htaprs] Re: [aprssig] TH-D7A Antenna Connector

From: GPersons <railfan@flash.net>
Date: Sat, 18 Sep 1999 20:23:48 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-40422-1999.09.19-08.37.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The plug you refer to is available from Mouser Electronics.

http://www.mouser.com/

It is actually a cable with a 2.5mm molded plug on it.

Plugs for Garmin GPS units are available from:

http://www.pfranc.com/

SMA to BNC adapter are available at Hamcomms and a number of electronic
supply houses.

http://www.avnet-allied.com/ (or the other way round.)

 This is only one example. Pasternak has them and I am sure that there are
other sources.

BTW: are you aware of the aprsht sig? Sponsored by TAPR. A wealth of
information about the TH D7.

Hope this helps!

73

Gary

At 02:27 AM 09/19/1999 -0500, you wrote:
>Where is everybody finding the SMA antenna adapter for the TH-D7A? I think
>that is what it is. I'd like to use a mobile mag mount antenna with it.
>Also has anybody found the right angle 2.5mm stereo plugs for the GPS
>connection?
>
>Thanks
>Brian
>
>
>---
>You are currently subscribed to aprssig as: railfan@flash.net
>To unsubscribe send a blank email to leave-aprssig-10941T@lists.tapr.org
>
>
>

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121. [htaprs] Re: Broken Connector

From: John W Wilson <z004391b@bc.seflin.org>
Date: Sun, 19 Sep 1999 16:00:56 -0400 (EDT)

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-40490-1999.09.19-15.12.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Double bummer, I had to send mine back because the output transistors
(FETs?) shorted and the thing got so hot you could actually burn yourself
on the back. I am very impatiently awaiting it's return. One of the
most fun ham toys I own.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sat, 18 Sep 1999, Jack Parker wrote:

> Bummer. I found out how flimsy the stereo connector was today. The tip
> broke off inside the PC slot of the D7A. Now I'm looking for a simple way
> to get it out. Any clues?
> Thanks
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
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>

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122. [htaprs] Problem with my TH-D7A

From: "Gary L. Ashkenazy" <af7m@home.com>
Date: Mon, 20 Sep 1999 10:55:54 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-40692-1999.09.20-13.09.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My TH-D7A has developed a problem after working perfectly on APRS for the
past two months.

The problem is as follows: After turning on the HT, the TNC will initalize,
the radio will beacon and received callsigns are displayed as normal. After
about 1-3 minutes of normal operation, however, callsigns are no longer
displayed and beaconing (set at 1 minute) stops. Audio confirms that
signals are still being received and the bar graph indicates adequate signal
strength. The display continues to show frequency and both tnc and beacon
icons even though the APRS functions apparently have stopped.

I can turn the rig off and then on again but the results are the same.
Everything works fine for 1-3 minutes and then APRS functions cease.

There is no problem when using the rig on voice. I have not tried using it
on packet.

I have tried two different batteries as well as the PG-3J filtered DC cable
and a 12VDC supply. I have also done partial and complete resets but the
problem persists.

Kenwood says that they have not heard of this problem. Any suggestions on
what I might try before sending it in for warranty repair?

Tnx,
Gary AF7M

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123. [htaprs] "other" icon settings on D7A

From: "Neil ke6ncx" <ke6ncx@hotmail.com>
Date: Mon, 20 Sep 1999 12:52:06 PDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-40711-1999.09.20-15.03.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm back on the list after being away for a few months.

Can anyone explain to me how to set the D7A for "other" icons? The manual says that info is in a file on the disc that comes with the optional data cable. The optional data cable wan't yet on the market when I wanted to buy it, though it may be now. But it seems silly to buy the cable (when I now have another cable working just fine) just to get info they should have put in the manual.

Neil Fullagar, KE6NCX
Training Officer
Alameda County (CA) Sheriff's Communications Team (RACES)
ke6ncx@arrl.net

_____
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124. [htaprs] Fw:

From: "Charles J. Doubrough" <charlesdoubrough@bigfoot.com>
Date: Mon, 20 Sep 1999 16:01:59 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-40713-1999.09.20-15.11.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Bryan Degeer <bdegeer@hotmail.com>
To: <ahilberdink@hotmail.com>; <va3ucn@bigfoot.com>;
<dcfraser14@hotmail.com>; <ripley.ross@sympatico.ca>;
<boydrob@northcom.net>; <hchristie@trentu.ca>; <jreesor@ptbo.igs.net>;
<jenny1johnson@yahoo.com>; <jdegeer@hotmail.com>;
<babygirl_kristal@hotmail.com>; <kteeple@nexicom.net>
Sent: Sunday, September 19, 1999 8:00 PM

> From: "Crystal Crosbie" <crosbiec@hotmail.com>
>   To: babygirl_kristal@hotmail.com, shannondier@hotmail.com,
>   jilly_bean018@hotmail.com, i_got_dreams@yahoo.com,
>   sharla_hanna@yahoo.com, toomuchmakeup@hotmail.com,
>   katiemahon@hotmail.com, poshspice1000@hotmail.com,
kaner100@hotmail.com,
>   carebear100@hotmail.com, sassha@gurlmail.com
>   Subject: Fwd: : do this, it's a riot]
>   Date: Sun, 12 Sep 1999 17:47:15 PDT
>   MIME-Version: 1.0
>   Received: from 204.77.78.151 by www.hotmail.com with HTTP;Sun, 12 Sep
>   1999 17:47:15 PDT
>   X-Originating-IP: [204.77.78.151]
>
>
>
>
>
>
>   From: "Jenna Nicole Burchill" <birdshit@gurlmail.com>
>   To: "Nicole Pugh" <nicki_84@hotmail.com>, "Melissa Shelly"
>   <melshell@gurlmail.com>, "Kelly McFadden" <chicah@gurlmail.com>,
>   "Jenny F" <fit_gal@hotmail.com>, "Emma Bilodeau"
>   <fly_zoey17@hotmail.com>, "Eddy Grunig"
<poshspice1000@hotmail.com>,
>   "Crystal Crosbie" <crosbiec@hotmail.com>, "Crystal Crosbie"
>   <crosbiec@hotmail.com>, "C. Monnink" <monnink@superaje.com>,
"Ashley
>   Pugh" <ashelympugh@hotmail.com>, "Alida Steele"
>   <bunsasteele_8@hotmail.com>
>   Subject: Fwd: : do this, it's a riot]
>   Date: Sat, 11 Sep 1999 17:39:25 -0700
>
>
>   --
>
>   --------- Forwarded Message ---------
>
>   DATE: Tue, 31 Aug 1999 17:08:33
>   From: "Kell"
>   To: "Shawn Cauley" , "Melissa Shelly" , "Megan James" , "Kacie

> Turner" , "John Graham" , "Jessica Crawford" , "Jessica Coughlan" ,
> "Jenny Frizell" , "Jenna Burchill" , "Ben Brady" , "Ashley
Robinson"
>
>
> >> > > > I tried one of these before and I got nothing back. So if
> I don't
> >>get
> >> > > > anything this time, I'm going to wring Al's next for
> wasting
> >>everyone's
> >> > > > time!
> >> > > >
> >> > > > -----Original Message-----
> >> > > > From: Macdonald, Alan
> >> > > > Sent: Tuesday, August 17, 1999 9:50 AM
> >> > > > To: Astley, Diane; 'Bruce Tippett'; Brunelle, Kathy;
> Caldwell,
> >>Tom;
> >> > > > 'CSeebach@aol.com'; 'Dan MacDonald'; 'dyauck@cyberus.ca';
> Gallivan,
> >> > Mark;
> >> > > > Hamilton, S. (Scott); Hopper, Debbie; Houghton, David
> >> > > >
> >> > > > Subject: FW: [Fwd: FW: do this, it's a riot]
> >> > > >
> >> > > >
> >> > > >
> >> > > > -----Original Message-----
> >> > > > From: Monette, Paul
> >> > > > Sent: Tuesday, August 17, 1999 9:44 AM
> >> > > > To: Ball, M. (Murray); Fiebig, Kristin; Keyes, M.
> (Michael);
> >> > > > Macdonald, Alan; Menard, Francois; Milliken, Mike;
> >> > 'monette1@netcom.ca';
> >> > > > Pallett, Michael; Steel, Jim; 'EMonette@JetForm.com';
> Seymour,
> >>Jason
> >> > J.S.
> >> > > > (RTHOST)
> >> > > >
> >> > > > Subject: FW: [Fwd: FW: do this, it's a riot]
> >> > > >
> >> > > >
> >> > > >
> >> > > > -----Original Message-----
> >> > > > From: Ball, M. (Murray)
> >> > > > Sent: Tuesday, August 10, 1999 11:35 AM
> >> > > > To: Houghton, David; Steel, Jim; Monette, Paul;
Fortin,
> J.
> >>(Julie);
> >> > > > Nesbitt, R. (Robert); Eric S Lang; PThom; Ball, JP; alexis
> ball
> >>(work);
> >> > > > McAulay, Dave; Dryburgh, Carol; Neville, Lisa; Tribble, N.
> >>(Nicole);
> >> > Noel
> >> > > > Villard
> >> > > >
> >> > > > Subject: FW: [Fwd: FW: do this, it's a riot]
> >> > > >
> >> > > >
> >> > > > ----------
> >> > > > From: Beth Hoff
> >> > > > To: zggirl@rof.net
> >> > > > Subject: FW: [Fwd: FW: do this, it's a riot]
> >> > > > Date: Tuesday, August 10, 1999 11:09AM
> >> > > >
> >> > > >
> >> > > >
> >> > > > It is hard to find 11 people with a good sense of humor,
> you
> >> > > > lucky people...
> >> > > > OK here's the deal, this works. I don't know how...but it
> works,
> >>you
> >> > > > have to send it (this) too no less than 11 people.
> Somehow,from the

> >> > > > return path generated, you'll receive...something, and it
> is
> >>funny!!!!
> >> > > >
> >> > > > This is the coolest thing I've ever gotten! All you have
> to do
> >>send
> >> > it
> >> > > > to 11 people and this little videocomes up on your screen
> and shows
> >>the
> >> > > > funniest clip. i can't tell youwhat it is but i was
> laughing so
> >> > hard!
> >> > > > So spend a few seconds to sendthis and you'll be glad!
> >> > > >
> >> > >
> >> >
> >
> >
> >____
> >Get Your Private, Free Email at http://www.hotmail.com
>
>
> ____
> Get Your Private, Free Email at http://www.hotmail.com
>
> --------- End Forwarded Message ---------
>
>
>
> get your free gURLmAIL at http://www.gURLmAIL.com
>
> --------- End Forwarded Message ---------
>
> ____
> Get Your Private, Free Email at http://www.hotmail.com
>

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125. [htaprs] WX decoding on D7 (Was: floyd decode)

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Mon, 20 Sep 1999 13:16:16 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-40718-1999.09.20-15.27.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the topic of WX and the TH-D7, I was wondering if someone could point out
which format of WX data the D7 can actually decode.

Once in awhile I've seen a station in the D7's station list with a nicely
decoded Temp, Wind direction, Wind speed, etc. But most of the WX stations
in my area show up on the D7 station list with the Peet Bros formatted
"!...." stuff in the station status text, with none of the WX data decoded.

I'm sure the WX data from these stations is "valid" since it is interpreted
properly by WinAPRS. My remote WX station (K6EKB-5) is one of the stations
the D7 can't decode.

If there is another data format that a Peet Bros./KPC3+ combination can
output that would be "compatible" with the D7, I'd love to hear about it!

73, Ed

Ed Braaten, K6EKB
mailto:k6ekb@arrl.net
http://home.sprynet.com/~ekb/

-----Original Message-----
From: Dale Huguley [mailto:kg5qd@worldnet.att.net]
Sent: 15 September 1999 20:18
To: TAPR HT APRS Special Interest Group
Cc: TAPR HT APRS Special Interest Group

Subject: [htaprs] Re: floyd decode

Bob and all- I tried a TOCALL of "APWX" but Winaprs will not react to it.
I decided to use a page from the Microsoft marketing page and turn this
"bug" into a "feature". The packets that will make sense on a th-d7 are
sent to "APRS". The rest are sent to WX so that they don't clutter up the
screen or the memory of the handheld.
With the landfall of Floyd, there should be lots of tornado and severe
thunderstorm warnings-
read
TOR 15 NORTHmov WEST @12 SMITHVILLE
as Tornado [OFFSET][course and speed][Name of reference point] or
Tornado 15 miles north of Smithville Moving west at 12 mph
this rather odd sequence is to make the data land at predictable places on
the th-d7 screen

I was wondering why no one ever comented on seeing a warning on their
handheld- the WX thing was the problem

73 de kg5qd Dale

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126. [htaprs] RE: "other" icon settings on D7A

From: "Sissom, Jay D" <jsissom@indiana.edu>
Date: Mon, 20 Sep 1999 19:13:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-40737-1999.09.20-19.24.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My computer data cable with this CDROM has been back ordered for well over a
month so don't plan on receiving one soon if you don't already have one...

73
Jay
KA9OKT

-----Original Message-----
From: Neil ke6ncx [mailto:ke6ncx@hotmail.com]
Sent: Monday, September 20, 1999 2:52 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] "other" icon settings on D7A

I'm back on the list after being away for a few months.

Can anyone explain to me how to set the D7A for "other" icons? The manual
says that info is in a file on the disc that comes with the optional data
cable. The optional data cable wan't yet on the market when I wanted to buy
it, though it may be now. But it seems silly to buy the cable (when I now
have another cable working just fine) just to get info they should have put
in the manual.

Neil Fullagar, KE6NCX
Training Officer
Alameda County (CA) Sheriff's Communications Team (RACES)
ke6ncx@arrl.net

_____
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127. [htaprs] On shopping Safari with D7 & GPS III+

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 22 Sep 1999 23:00:25 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41147-1999.09.22-18.13.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got my new TH-D7a and GPS-III+ working together in time for my trip to Lancaster County, PA. I found a Garmin Power/Data cable for sale at Harry's Army & Navy in Yardville, NJ, along with the Computer Connection Kit. I already have the kit, so if anyone needs it and you will be passing through NJ, let me know and I will give you directions. They might do credit card purchases and shipping over the phone too.
Apparently Garmin has inserted a flyer telling you how to hook the data lines up the Right Way. Having heard the directions in the D7 package were wrong, I hooked it up opposite from the instructions on the flyer and it did not work, so when I reversed the TXD and RXD lines to match the diagram then it worked. Forewarned is not always forearmed, I guess.
Incoming signals are good all over the Lancaster shopping and tourist areas, from Lititz to Kinzer and all in between there was constant activity, and my D7 registered over 100 waypoints in a day of monitoring, less down time for battery recharges and periods where I had the rig off. I am all battery power for this trip.
My troubles are only that I rarely seem to hit a digi out here. From inside the car it does not surprise me, but outside, standing in an unobstructed area, holding the D7 up high overhead and manually beaconing has only gotten me digi'd once, at Strasburg this afternoon. The nearest digi signal hits nearly full bars on my D7 from all locations I've tried.

Is the stock antenna this bad? How much difference would a new more efficient duck make? Would a mobile mag mount make it dramatically better running the stock power?

Too bad the D7 was not set up so you could use a serial PDA keyboard, like the Newton's or the Royal palm style organizer's, plugged into the D7's PC serial port. Chatting and short messages while mobile would be made really easy and much faster compared to the built in, scroll-for-your-life typing method currently employed.

(Again, apologies if your mail clients see MIME or hokey attachments- I'm still trying to get a software patch from the manufacturer to make the No MIME option work reliably on this device.)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] Re: On shopping Safari with D7 & GPS III+

From: GPersons <railfan@flash.net>
Date: Wed, 22 Sep 1999 07:48:31 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41159-1999.09.22-20.02.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HI Wayne,
Stock antennas are typically not bad, they just aren't as good as they could be.
Manufacturers have to keep cost down, so the companies compromise and one of the compromises is the antenna. I don't think that I have a stock antenna on any of my radios.
Yes, you will be better off getting an after market antenna. I use a Pryme 15" wire antenna and I love it. MFJ makes one and I think that diamond makes one. The problem with the 15" antenna is the length! While it receives the signals very well, it tends to get in the way! Oh well, can have every thing! I also use a mag mount when mobile and using APRS+. Makes a world of difference!
You might also consider that your packets are getting to the digi and they are getting trashed. How do you know? I don't know! Seems like sometimes I hit the digis here ok and sometime I don't. Must have something to do the phase of the moon or something! HIHI

Anyway, hope this helps. I am not an expert on antennas but I know what works for me!

73

Gary
KD5DAY

At 11:00 PM 09/22/1999 GMT, you wrote:
>I got my new TH-D7a and GPS-III+ working together in time for my trip to Lancaster County, PA. I found a Garmin Power/Data cable for sale at Harry's Army & Navy in Yardville, NJ, along with the Computer Connection Kit. I already have the kit, so if anyone needs it and you will be passing through NJ, let me know and I will give you directions. They might do credit card purchases and shipping over the phone too.
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>
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>
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>
>(Again, apologies if your mail clients see MIME or hokey attachments- I'm still trying to get a software patch from the manufacturer to make the No MIME option work reliably on this device.)
>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

129. [htaprs] aprs CE

From: "LB" <cyberoptics@pandora.be>
Date: Thu, 23 Sep 1999 17:42:30 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41238-1999.09.23-10.55.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi, all,

Any news yet on the APRS for CE version to be released this
Friday, i'm very interested in testing it on my
Everex Freestyle

73's
ON9AAV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] Yeasu FT-23R & APRS

From: "Phil Greenland" <pgreen@axom.com>
Date: Thu, 23 Sep 1999 18:49:37 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41276-1999.09.23-17.59.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All:
I was wondering if anyone is using an Yaesu FT-23R with a Kantronics KPC-3. Any tips would appreciated.
Phil
  E-mail: pgreen@axom.com
  Amateur Call: KB8QHM
  Web Page: http://www.axom.com/greenland/index.htm
  ICQ Number: 1499191

131. [htaprs] Re: Yeasu FT-23R & APRS

From: "Harry Burford" <hburford@airmail.net>
Date: Thu, 23 Sep 1999 21:31:34 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41300-1999.09.23-21.43.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If I remember correctly, the FT23 has that automatic battery save mode that can't be turned off. When squelched, the radio will sample the receive frequency for a signal. If a packet signal is received while the radio is 'sleeping', it misses part of the packet and the TNC reads garbage. You will want to get a TNC that supports open squelch. The receiver will be on all the time so battery life will be reduced.

As I recall, the FT23, 73, and 470 that I used in the distant past worked very well for packet.

Harry, KAØTTY

----- Original Message -----
From: Phil Greenland
To: TAPR HT APRS Special Interest Group
Sent: Thursday, September 23, 1999 5:49 PM
Subject: [htaprs] Yeasu FT-23R & APRS

Hi All:
I was wondering if anyone is using an Yaesu FT-23R with a Kantronics KPC-3.
Any tips would appreciated.
Phil
  E-mail: pgreen@axom.com
  Amateur Call: KB8QHM
  Web Page: http://www.axom.com/greenland/index.htm
  ICQ Number: 1499191

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132. [htaprs] RE: On shopping Safari with D7 & GPS III+

From: jlagreek <jlagreek@inlink.com>
Date: Thu, 23 Sep 1999 21:16:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41316-1999.09.23-23.34.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Plug in a Palm Pilot and run pocketAPRS. Gives you the message capability you want and maps.   www.pocketaprs.com

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

Too bad the D7 was not set up so you could use a serial PDA keyboard, like the Newton's or the Royal palm style organizer's, plugged into the D7's PC serial port. Chatting and short messages while mobile would be made really easy and much faster compared to the built in, scroll-for-your-life typing method currently employed.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] Yaesu FT-23R & APRS

From: Mike Higlett <mikeh@coe.co.uk>
Date: Fri, 24 Sep 1999 08:39:01 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41326-1999.09.24-02.50.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

For packet use the power save mode during closed squelch receive can be disabled.

On the control board there are some programming jumpers - removing jumper 10
switches off power save - quite useful for packet.

These details I got from some mods floating around on the newsgroups.

73 Mike G6WTM
Harrogate, Yorkshire, England

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] Something weird finally...

From: GPersons <railfan@flash.net>
Date: Thu, 23 Sep 1999 18:00:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41340-1999.09.24-06.13.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

happened to my radio. Last night at my radio club meeting, I was needing
to change the frequency step on the D7A. I looked and looked and looked and
could not find the function for step size. Well, when I got home I got out
my manual and discovered that step size is function 8. Cool! Tried to go to
function 8 and it wasn't there! My function numbers went like this: 1, 2,
3, 4, 5, 9, 0, . I did a VFO reset and that worked once. Did another VFO
reset and that appeared to fix the problem.

Anybody else experienced this?

Gary

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] RE: Something weird finally...

From: "Sissom, Jay D" <jsissom@indiana.edu>
Date: Fri, 24 Sep 1999 08:53:05 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41351-1999.09.24-09.04.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you are on a memory and you press Function, you won't see this option,
but you'll see the Memory name option. If you press VFO, you'll see this
option.

Jay

-----Original Message-----
From: GPersons [mailto:railfan@flash.net]
Sent: Thursday, September 23, 1999 6:00 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Something weird finally...

happened to my radio. Last night at my radio club meeting, I was needing
to change the frequency step on the D7A. I looked and looked and looked and
could not find the function for step size. Well, when I got home I got out
my manual and discovered that step size is function 8. Cool! Tried to go to
function 8 and it wasn't there! My function numbers went like this: 1, 2,
3, 4, 5, 9, 0, . I did a VFO reset and that worked once. Did another VFO
reset and that appeared to fix the problem.

Anybody else experienced this?

Gary

You are currently subscribed to htaprs as: jsissom@exchange.indiana.edu
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] Re: Something weird finally...

From: Skip Allison <cfad07@email.mot.com>
Date: Fri, 24 Sep 1999 09:00:32 -0500

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41352-1999.09.24-09.13.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gary,
You were probably on a memory channel. You have to be on the VFO to
change the step size. When you go thru the functions, you will see
different ones depending on whether you are in the VFO or on a memory
channel.

Skip
K9SA

GPersons wrote:
>
> happened to my radio. Last night at my radio club meeting, I was needing
> to change the frequency step on the D7A. I looked and looked and looked and
> could not find the function for step size. Well, when I got home I got out
> my manual and discovered that step size is function 8. Cool! Tried to go to
> function 8 and it wasn't there! My function numbers went like this: 1, 2,
> 3, 4, 5, 9, 0, . I did a VFO reset and that worked once. Did another VFO
> reset and that appeared to fix the problem.
>
> Anybody else experienced this?
>
> Gary
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] Re: "other" icon settings on D7A

From: John Sullivan <jbs@quickturn.com>
Date: Fri, 24 Sep 1999 17:09:26 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41391-1999.09.24-19.21.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I haven't seen an answer to this yet. Haven't seen much traffic at all
on the list this week, for that matter,

The D7 manual is a little sketchy on this function, but its not hard
to figure out. The only trick is that you can't use the number keypad
to enter the code, just the cursor control. Select "others" from the
icon menu and scroll until you have the two-character icon code that
you want.

If you need a list of assigned symbols, the symbols.txt file which is
included in the AprsDos documentation is a good source. This may be
the extra information that you would get in the data cable manual.

73 de John WD6BTP

> From: "Neil ke6ncx" <ke6ncx@hotmail.com>
> To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
> Subject: [htaprs] "other" icon settings on D7A
> Date: Mon, 20 Sep 1999 12:52:06 PDT
> Mime-Version: 1.0
> List-Unsubscribe: <mailto:leave-htaprs-845T@lists.tapr.org>
> List-Software: Lyris Server version 3.0
> List-Subscribe: <mailto:subscribe-htaprs@lists.tapr.org>
> List-Owner: <mailto:owner-htaprs@lists.tapr.org>
> X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
> X-Message-Id: <19990920195206.24025.qmail@hotmail.com>
> Sender: bounce-htaprs-8758@lists.tapr.org
> Precedence: bulk
> Content-Type: text/plain; format=flowed
> Content-Length: 816
>
> I'm back on the list after being away for a few months.
>
> Can anyone explain to me how to set the D7A for "other" icons? The manual
> says that info is in a file on the disc that comes with the optional data
> cable. The optional data cable wan't yet on the market when I wanted to buy
> it, though it may be now. But it seems silly to buy the cable (when I now
> have another cable working just fine) just to get info they should have put
> in the manual.

>
> Neil Fullagar, KE6NCX
> Training Officer
> Alameda County (CA) Sheriff's Communications Team (RACES)
> ke6ncx@arrl.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] Help TH-D7A

From: Dr Kevin Johnston <kj_anaes@seol.net.au>
Date: Sun, 26 Sep 1999 11:40:09 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41558-1999.09.26-06.49.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings from Australia,

I would welcome some assistance and advice.

I have just purchased a THD7A and VCH1 here in Australia. Unfortunately
the dealer support is less than ideal compared to US.

Also the Kenwood interface leads, including the PG-4W (ht to PC) lead
are not available yet in VK.

I have source the B-version of the MCP-D7 from the internet and have
this installed.

I have made a home-brew lead using the protocol on page 53 of the
instruction manual using three leads only GND, TXD and RXD.

MY PROBLEM IS THAT THE MCP-D7 SOFTWARE (AND ALL MY USUAL TNC TERMINAL
PROGRAMS) cannot recognise the TNC?? They default or time out.

Qs.

Do I need to cross connect other leads in the DB9 plug at the PC end
apart from the three   data leads?

Do I have to enable the data link from within the menu in the TH-7DA
before the link will work?

Any suggestions gratefully received here. Its hard running something
new in a small Australian country town

Thanks

Kevin VK5KJ Mount Gambier S.Australia
vk5bcb@seol.net.au

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Re: Help TH-D7A

From: John W Wilson <z004391b@bc.seflin.org>
Date: Sun, 26 Sep 1999 12:00:07 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-41629-1999.09.26-11.11.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try using a null modem to exchange RX and TX. There was confusion as to
which wire coming out of the Kenwood was which. The instructions are
good, but confusing. It is easy to tell, actually. Put a meter on one
of the wires and turn the TNC function on. It should move the meter needle
some if you are on the TNC 'output' lead and should not move the meter
needle at all if it is the tnc 'input' lead. The lead that moves the needle
needs to go to RX on the computer and the other needs to go to TX on the
computer.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sun, 26 Sep 1999, Dr Kevin Johnston wrote:

> Greetings from Australia,
>
> I would welcome some assistance and advice.
>
> I have just purchased a THD7A and VCH1 here in Australia. Unfortunately
> the dealer support is less than ideal compared to US.
>
> Also the Kenwood interface leads, including the PG-4W (ht to PC) lead
> are not available yet in VK.
>
> I have source the B-version of the MCP-D7 from the internet and have
> this installed.
>
> I have made a home-brew lead using the protocol on page 53 of the
> instruction manual using three leads only GND, TXD and RXD.
>
> MY PROBLEM IS THAT THE MCP-D7 SOFTWARE (AND ALL MY USUAL TNC TERMINAL
> PROGRAMS) cannot recognise the TNC?? They default or time out.
>
> Qs.
>
> Do I need to cross connect other leads in the DB9 plug at the PC end
> apart from the three   data leads?
>
> Do I have to enable the data link from within the menu in the TH-7DA
> before the link will work?
>
>
> Any suggestions gratefully received here. Its hard running something
> new in a small Australian country town
>
> Thanks
>
> Kevin VK5KJ Mount Gambier S.Australia
> vk5bcb@seol.net.au
>
>
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] TH-D7 Docs

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Sun, 26 Sep 1999 09:22:18 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41630-1999.09.26-11.34.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have come to understand that the PC cable option for the TH-D7,
which is not currently available, comes with a CD-ROM which has
extended documentation for the D7 in PDF format. These documents
cover much more than what is in the user manual that comes with the
rig and answers many of the questions that appear on this sig.

Is there someone here that has access to that CD-ROM who would post
those files where they can be down loaded? Or, If you could forward
them to me, I will put them on an FTP site.

I would hope that a case could be made that the purchase price of the
option is for the cables and that there would be no copyright
infringement by distributing the accompanying documentation.

73

Clark N7AAC

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] Re: TH-D7 Docs

From: GPersons <railfan@flash.net>
Date: Sat, 25 Sep 1999 23:48:33 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41632-1999.09.26-12.02.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You are correct. There is a CD and cable available and it is available to
the general ham community if you don't mind waiting. I ordered mine from
AES and it took the better part of a month to get it. But it was worth the
wait!
As far as posting the contents, they are copyrighted and Kenwood, if I
remember correctly, has said that the contents are on their ftp site. I
could not find the previous post on this matter. Does anyone else has the
post about the contents of the elusive CD rom contents?

73
Gary

At 09:22 AM 09/26/1999 -0700, you wrote:
>I have come to understand that the PC cable option for the TH-D7,
>which is not currently available, comes with a CD-ROM which has
>extended documentation for the D7 in PDF format. These documents
>cover much more than what is in the user manual that comes with the
>rig and answers many of the questions that appear on this sig.
>
>Is there someone here that has access to that CD-ROM who would post
>those files where they can be down loaded? Or, If you could forward
>them to me, I will put them on an FTP site.
>
>I would hope that a case could be made that the purchase price of the
>option is for the cables and that there would be no copyright
>infringement by distributing the accompanying documentation.
>
>73
>
>Clark N7AAC
>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

142. [htaprs] D7 MARS/ETC MODS...

From: Jim Duncan <ku0g@kcaprs.org>
Date: Sun, 26 Sep 1999 15:43:26 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41647-1999.09.26-16.01.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Could somebody give me a URL or other information to open the D7 up for
out of band xmit/rcv? Thanks! PRIVATE, OFF LIST, PLEASE...
--
73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group, W0APR
First Alert Storm Team -- KMBC-TV
Mailto:ku0g@kcaprs.org
Webpage: http://www.kcaprs.org

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] Never mind.....

From: Jim Duncan <ku0g@kcaprs.org>
Date: Sun, 26 Sep 1999 15:50:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41649-1999.09.26-16.09.23--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I found Walter Dunckel's page with the information......Thanks
anyways...
--
73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group, W0APR
First Alert Storm Team -- KMBC-TV
Mailto:ku0g@kcaprs.org
Webpage: http://www.kcaprs.org

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] Egad!!!!

From: Jim Duncan <ku0g@kcaprs.org>
Date: Sun, 26 Sep 1999 19:53:47 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41694-1999.09.26-20.11.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got the mod done today. Now, after the reset, the channel step is set
to 12.5 kHz. I can't find my bloody manual....How do you change the
frequency step size? Please.....Thank you....
--
73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group, W0APR
First Alert Storm Team -- KMBC-TV
Mailto:ku0g@kcaprs.org
Webpage: http://www.kcaprs.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] Re: Egad!!!!

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Sun, 26 Sep 1999 19:05:47 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-41698-1999.09.26-21.18.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In the F-8 menu. It won't show unless you are in VFO mode for that band.

>Got the mod done today. Now, after the reset, the channel step is set
>to 12.5 kHz. I can't find my bloody manual....How do you change the
>frequency step size? Please.....Thank you....
>--
>73 de Jim, KU0G
>Chairman/Coordinator
>Kansas City APRS Working Group, W0APR
>First Alert Storm Team -- KMBC-TV
>Mailto:ku0g@kcaprs.org
>Webpage: http://www.kcaprs.org
>
>---
>You are currently subscribed to htaprs as: n7aac@aztenx.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

~~~~~~
Clark Lowry N7AAC   N7AAC@aztenx.org
Founding Member: Spook Hill Amateur Radio Club (SHARC)
Founding Member: Arizona Desert 10-10 Chapter #06F
                           10-10 International #68954
10226 E. Iris Rd.   Yaesu FT-920 W/100-600 Watts HF+6m
Mesa, Maricopa County   ICOM IC-706, IC-2350, IC-W32A, IC-T21A,
Arizona, 85207 DM43   Kenwood TM-V7 Remote base, TH-D7A Tracker
                           72 ft tower, 4-element RAIBEAM on 10m
480-354-9300   2-element Raibeam on 20m
602-619-5007 Cell   7-element Force 12 on 6m, 26B2 on 2m,
800.880.3896 Toll Free   AN-99 on 10m Half Square on 6m
602-530-2400 Fax   Lazy "Z" Windom for 80 thru 6 meters
~~~~~~

Check out our Web site at http://www.aztenx.org Sign our guestbook
~~~~~~

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] test msg

From: kb3cul@qsl.net (Joel H. Gough)
Date: Mon, 27 Sep 1999 04:53:16 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41766-1999.09.27-00.11.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry to waste the bandwidth, just trying to figure out why I haven't
gotten anything from the SIG in about a week...

Joel
kb3cul

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] Re: TH-D7 Docs

From: Walter Dunckel <wdunckel@best.com>
Date: Sun, 26 Sep 1999 23:20:00 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-41774-1999.09.27-01.32.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those of you that are interested in what is included in the manual
that comes with the factory cable, I have included a list of its contents
at this site:

http://www.radiohound.com/manual.htm

Walter

"Clark A. Lowry N7AAC" wrote:

> I have come to understand that the PC cable option for the TH-D7,
> which is not currently available, comes with a CD-ROM which has
> extended documentation for the D7 in PDF format. These documents
> cover much more than what is in the user manual that comes with the
> rig and answers many of the questions that appear on this sig.
>
> Is there someone here that has access to that CD-ROM who would post
> those files where they can be down loaded? Or, If you could forward
> them to me, I will put them on an FTP site.
>
> I would hope that a case could be made that the purchase price of the
> option is for the cables and that there would be no copyright
> infringement by distributing the accompanying documentation.
>
> 73
>
> Clark N7AAC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] Re: "other" icon settings on D7A

From: Skip Allison <cfad07@email.mot.com>
Date: Mon, 27 Sep 1999 08:21:14 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41800-1999.09.27-08.35.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

When I got my D7, I set the icon to a bike. After beaconing the "bike"
icon out for a while, I found out by watching it on my home computer
that is isn't really a bike but a motorcycke icon. I had to go to the
"other" icons to get the bike.

Skip
~~~~~~

K9SA

John Sullivan wrote:
>
> I haven't seen an answer to this yet. Haven't seen much traffic at all
> on the list this week, for that matter,
>
> The D7 manual is a little sketchy on this function, but its not hard
> to figure out. The only trick is that you can't use the number keypad
> to enter the code, just the cursor control. Select "others" from the
> icon menu and scroll until you have the two-character icon code that
> you want.
>
> If you need a list of assigned symbols, the symbols.txt file which is
> included in the AprsDos documentation is a good source. This may be
> the extra information that you would get in the data cable manual.
>
> 73 de John WD6BTP
>
> > From: "Neil ke6ncx" <ke6ncx@hotmail.com>
> > To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
> > Subject: [htaprs] "other" icon settings on D7A
> > Date: Mon, 20 Sep 1999 12:52:06 PDT
> > Mime-Version: 1.0
> > List-Unsubscribe: <mailto:leave-htaprs-845T@lists.tapr.org>
> > List-Software: Lyris Server version 3.0
> > List-Subscribe: <mailto:subscribe-htaprs@lists.tapr.org>
> > List-Owner: <mailto:owner-htaprs@lists.tapr.org>
> > X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
> > X-Message-Id: <19990920195206.24025.qmail@hotmail.com>
> > Sender: bounce-htaprs-8758@lists.tapr.org
> > Precedence: bulk
> > Content-Type: text/plain; format=flowed
> > Content-Length: 816
> >
> > I'm back on the list after being away for a few months.
> >
> > Can anyone explain to me how to set the D7A for "other" icons? The manual
> > says that info is in a file on the disc that comes with the optional data
> > cable. The optional data cable wan't yet on the market when I wanted to buy
> > it, though it may be now. But it seems silly to buy the cable (when I now
> > have another cable working just fine) just to get info they should have put
> > in the manual.
> >
> > Neil Fullagar, KE6NCX
> > Training Officer
> > Alameda County (CA) Sheriff's Communications Team (RACES)
> > ke6ncx@arrl.net
>
> ---
> You are currently subscribed to htaprs as: Skip.Allison@motorola.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] New Kenwood APRS Radio

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 27 Sep 1999 09:53:24 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41808-1999.09.27-09.07.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Kenwoods APRS (PACSAT) Moble Radio

At DCC, Kenwood informally revealed a prototype APRS Mobile (PACSAT)
radio. This was a courtesy demo only. The radio does not yet exist, so
do them a favor and DO NOT PESTER YOUR KENWOOD DEALERS until Christmas.
The radio looks like TM-V7 but with a larger orange screen. It
appears to have the following interesting characteristics:
  - All THD7 features plus dozens of enhancements
  - FUll front panel text message send-receive (like THD7)
  - 9600 baud Pacsat capable. crossband TNC. With KISS
  - Full front panel general packet monitor display (See scrolling
    packets on any channel, not just APRS)
  - All band rcv 118 MHz to 1300 MHZ, (optimized only in HAM bands)
  - Remote control head (always)

I will have one of these at the AMSAT conference and will discuss the
pro's and con's of mobile two-way FRONT PANEL APRS communications via
the 9600 baud PACSATS (No laptop needed!)...

The receiver is very good. I wonder what the minimum gain antenna will be
for a reasonable downlink...? We did a test on the roof parking lot and
got near full scale readings from UO22 with a handheld 3el yagi.

 de WB4APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] RE: New Kenwood APRS Radio

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Mon, 27 Sep 1999 16:07:12 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41817-1999.09.27-09.22.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi bob and others,

this sounds like the demo model i saw at the Mannheim ukwtagung a week ago.
I'm glad to read that kenwood didn't wait to long to show it over there :)
It looked like a very nice radio indeed.

they quoted a delivery date for europe of february next year (at the same
time as the th-d7e upgrade)
i wonder if the got the tnc DAMA ready because that was a big letdown for
many area's in europe

73 de Andre PE1RDW

ps why was there so litle response when i wrote about this radio last week?

> -----Oorspronkelijk bericht-----
> Van: Bob Bruninga [SMTP:bruninga@nadn.navy.mil]
> Verzonden: maandag 27 september 1999 15:53
> Aan: TAPR HT APRS Special Interest Group
> Onderwerp: [htaprs] New Kenwood APRS Radio
>
> Kenwoods APRS (PACSAT) Moble Radio
>
> At DCC, Kenwood informally revealed a prototype APRS Mobile (PACSAT)
> radio. This was a courtesy demo only. The radio does not yet exist, so
> do them a favor and DO NOT PESTER YOUR KENWOOD DEALERS until Christmas.
> The radio looks like TM-V7 but with a larger orange screen. It
> appears to have the following interesting characteristics:
>   - All THD7 features plus dozens of enhancements
>   - FUll front panel text message send-receive (like THD7)
>   - 9600 baud Pacsat capable. crossband TNC. With KISS
>   - Full front panel general packet monitor display (See scrolling
>   packets on any channel, not just APRS)
>   - All band rcv 118 MHz to 1300 MHZ, (optimized only in HAM bands)
>   - Remote control head (always)
>
> I will have one of these at the AMSAT conference and will discuss the
> pro's and con's of mobile two-way FRONT PANEL APRS communications via
> the 9600 baud PACSATS (No laptop needed!)...
>
> The receiver is very good. I wonder what the minimum gain antenna will be
> for a reasonable downlink...? We did a test on the roof parking lot and
> got near full scale readings from UO22 with a handheld 3el yagi.
>
> de WB4APR
>
>
>
> ---
> You are currently subscribed to htaprs as: A.H.Schayk@arcadis.nl
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

151. [htaprs] Re: WIN CE APRS????

From: Jean Paul Pierrepont <crossbow@kconline.com>
Date: Mon, 27 Sep 1999 10:59:03 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-41833-1999.09.27-11.10.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all

I have a HP660 palmtop and just heard of a APRS program being released
for it.. Anybody know of it??

Thanks

Paul KB9AVO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] TH-D7 upgrade?

From: "Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Mon, 27 Sep 1999 09:12:55 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41836-1999.09.27-11.24.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

PE1RDW said re the Kenwood APRS Mobile:
> they quoted a delivery date for europe of february next year (at the same
> time as the th-d7e upgrade)

Can we hear more about the TH-D7 upgrade? Any TH-D7A upgrade rumors,
anyone?
Russ Brown, KB6LUD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

153. [htaprs] D7/Garmin GPS

From: Skip Allison <cfad07@email.mot.com>
Date: Mon, 27 Sep 1999 15:25:45 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41867-1999.09.27-15.39.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I remember hearing that the D7 will talk to some of the Garmin GPS
receivers and display calls as waypoints. Which Garmins does that
work with? I'm thinking about getting a new 12XL. Will it support
that feature? How about the color one - 12CX I think?

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] Re: New Kenwood APRS Radio

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 27 Sep 1999 16:32:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41870-1999.09.27-15.46.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 9/27/99 9:53 AM, Bob Bruninga (bruninga@nadn.navy.mil) passed this
wisdom:

>Kenwoods APRS (PACSAT) Moble Radio
>
>At DCC, Kenwood informally revealed a prototype APRS Mobile (PACSAT)
>radio. This was a courtesy demo only. The radio does not yet exist, so
>do them a favor and DO NOT PESTER YOUR KENWOOD DEALERS until Christmas.

  Bob, any idea, what the price tag will be ??? $500 ??? $800 ???????

  [snip]

>The receiver is very good. I wonder what the minimum gain antenna will be
>for a reasonable downlink...? We did a test on the roof parking lot and
>got near full scale readings from UO22 with a handheld 3el yagi.
>
> de WB4APR

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "The illiterate of the 21st century will not be those who cannot read and
  write, but those who cannot learn, unlearn, and relearn."   -Alvin
Toffler

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] Re: D7/Garmin GPS

From: John Vause <jdv@iglou.com>
Date: Mon, 27 Sep 1999 20:23:11 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-41920-1999.09.27-19.34.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Kenwood TH-D7A works fine with the Garmin 12xl/12cx GPS receivers.

73

Skip Allison wrote:
>
> I remember hearing that the D7 will talk to some of the Garmin GPS
> receivers and display calls as waypoints. Which Garmins does that
> work with? I'm thinking about getting a new 12XL. Will it support
> that feature? How about the color one - 12CX I think?
>
> Skip
> K9SA
>
> ---
> You are currently subscribed to htaprs as: JDV@IGLOU.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
* John Vause KF4ERV jdv@igloudot.com *
NOTE: email address altered for benefit of Spambots
--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] CD Info

From: "Morris Hays" <mhays@snet.net>
Date: Mon, 27 Sep 1999 19:45:36
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41929-1999.09.27-19.57.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Clark Lowery Wrote:
<< I have come to understand that the PC cable option for the TH-D7, which
is not currently available, comes with a CD-ROM which has extended
documentation for the D7 in PDF format. These documents cover much more
than what is in the user manual that comes with the rig and answers many
of the questions that appear on this sig. >>
- -
   I too would like to get ahold of this information on theCD but without
the
cable or other PC software that is included. I have a macintosh and can't
see
spending money on a bunch of stuff I can't use. I have pleaded my case to
Kenwood and beg any other people who find themselves in this situation
to send Email to them also asking that if they wont put it up for download
at least offer it as a stand alone purchase.
Kell

KB1DZN

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

157. [htaprs] Re: New Kenwood APRS Radio

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Mon, 27 Sep 1999 21:00:52 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41934-1999.09.27-20.13.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Even if anyone knows what the price is going to be since it has not been
approved by the FCC for sale or lease there can be announcment of the
rprice.

Its a neat radio though. I got to fiddle with it a bit over the weekend at
DCC.

My guess on price would be about $500-600. We'll see in a few months.

73
Paul
KR4YL
just back from Phoenix ....

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

158. [htaprs] List

From: "Mike Kappes" <mkappes@snsworld.net>
Date: Tue, 28 Sep 1999 08:51:58 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42090-1999.09.28-08.06.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How do I join this list?
Mike n4amh

159. [htaprs] "other" icon setings on D7A - the truth revealed at last

From: "Neil Fullagar" <ke6ncx@arrl.net>
Date: Tue, 28 Sep 1999 10:36:26
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42113-1999.09.28-10.48.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, as one person wrote, it's really pretty easy to figure out. Just
scroll to "others" and accept that, then scroll through the possible
characters and accept the one you want, then select which table (/ or \.)

I had, in fact, figured that out for myself. But I didn't think it worked,
so I thought there was something more I needed to do. Why didn't I think it
worked...?

Because no matter what I selected on the D7A, except /O which did display
as a balloon, the D7A always shwed on my WinAPRS screen as a red dot. So I
thought something was not right with the D7A.

After I heard from other people that the D7A showed on their screens as the
right thing, I tried an experiment. I opened a TCP/IP connection from my
home station (WinAPRS) and turned off the TNC. Thus my home station would
not heard the D7A directly, but would get it through one or more other
stations.

Bingo, everything displays fine!

Apparently... well, I'm not sure but it looks like the WinAPRS does't
correctly interpret the icon codes from the short format packet used by the
D7A when the packets ae heard directly. Weird, but...

Thanks to those who tried to help.

Neil Fullagar KE6NCX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

160. [htaprs] Re: New Kenwood APRS Radio

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Tue, 28 Sep 1999 12:47:43 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: APRS Special Intrest Group <aprssig@lists.tapr.org>
Message-ID: <LYR845-42146-1999.09.28-15.00.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,
If the Manchester mod is only $3.00 on our end then it must be less
than 30 cents in quantity for Kenwood. Will the new Kenwood rig
support what you are working so hard on with the Satallites?

At 09:53 -0400 9/27/99, Bob Bruninga wrote:

>Kenwoods APRS (PACSAT) Moble Radio
>
>At DCC, Kenwood informally revealed a prototype APRS Mobile (PACSAT)
>radio. This was a courtesy demo only. The radio does not yet exist, so
>do them a favor and DO NOT PESTER YOUR KENWOOD DEALERS until Christmas.
>The radio looks like TM-V7 but with a larger orange screen. It
>appears to have the following interesting characteristics:
> - All THD7 features plus dozens of enhancements
> - FUll front panel text message send-receive (like THD7)
> - 9600 baud Pacsat capable. crossband TNC. With KISS
> - Full front panel general packet monitor display (See scrolling
>   packets on any channel, not just APRS)
> - All band rcv 118 MHz to 1300 MHZ, (optimized only in HAM bands)
> - Remote control head (always)
>
>I will have one of these at the AMSAT conference and will discuss the
>pro's and con's of mobile two-way FRONT PANEL APRS communications via
>the 9600 baud PACSATS (No laptop needed!)...
>
>The receiver is very good. I wonder what the minimum gain antenna will be
>for a reasonable downlink...? We did a test on the roof parking lot and
>got near full scale readings from UO22 with a handheld 3el yagi.
>
> de WB4APR
>
>
>
>---
>You are currently subscribed to htaprs as: n7aac@aztenx.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

~~~~~~
Clark Lowry N7AAC   N7AAC@aztenx.org
Founding Member: Spook Hill Amateur Radio Club (SHARC)
Founding Member: Arizona Desert 10-10 Chapter #06F
                           10-10 International #68954
10226 E. Iris Rd.   Yaesu FT-920 W/100-600 Watts HF+6m
Mesa, Maricopa County   ICOM IC-706, IC-2350, IC-W32A, IC-T21A,
Arizona, 85207 DM43   Kenwood TM-V7 Remote base, TH-D7A Tracker
                           72 ft tower, 4-element RAIBEAM on 10m
480-354-9300   2-element Raibeam on 20m
602-619-5007 Cell   7-element Force 12 on 6m, 26B2 on 2m,
800.880.3896 Toll Free   AN-99 on 10m Half Square on 6m
602-530-2400 Fax   Lazy "Z" Windom for 80 thru 6 meters

Check out our Web site at http://www.aztenx.org Sign our guestbook
~~~~~~

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

161. [htaprs] Re: New Kenwood APRS Radio

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 28 Sep 1999 21:16:19 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        APRS Special Intrest Group <aprssig@lists.tapr.org>
Message-ID: <LYR845-42198-1999.09.28-20.28.54--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

On Tue, 28 Sep 1999, Clark A. Lowry N7AAC wrote:

> If the Manchester mod is only $3.00 on our end then it must be less
> than 30 cents in quantity for Kenwood. Will the new Kenwood rig
> support what you are working so hard on with the Satallites?

No, it will not. THey are using an existing manufactured TNC chip, and
just like the KPC-3, PK232 and most other TNC's that are not TAPR-2
clones, they do not have a phase synchronous 1200 baud clock. Again, the
options are:

1) Any PSK PACSAT modem/TNC
2) Any TAPR-2 Clone TNC (MFJ, Paccomm, DRSI, etc)
3) Any PC SOund card (once someone writes the software)
4) Any PC (really doesnt need a sound card eitther, since square waves
           are OK. This software has not been written yet either

People are working on #3 and #4. Remember, the interest in supporting
these old 1200 baud satellites was *zero* until only a few weeks ago when
interest in using them for APRS began to finally materialize.

Although #4 can TRANSMIT, it will not be able to receive without the sound
card. I list #4, because of old 286 mobile laptops out there. I dont
want to have to carry a $4000 Laptop to do the job of a $20 286 PC, or a
$2 mod to an old TNC just for transmit...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

162. [htaprs] Re: New Kenwood APRS Radio

From: Richard Parry <rparry@qualcomm.com>
Date: Tue, 28 Sep 1999 22:04:04 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42231-1999.09.29-00.15.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Given that the D7 is $450, I would think the price is going to be closer to
$700. I also was at the DCC and saw the radio. The detachable head and
large display certainly support a price much higher than the D7.

my 2 cents.

At 09:00 PM 9/27/99 -0400, Paul Knupke, Jr. wrote:
>Even if anyone knows what the price is going to be since it has not been
>approved by the FCC for sale or lease there can be announcment of the
>rprice.
>
>Its a neat radio though.   I got to fiddle with it a bit over the weekend at
>DCC.
>
>My guess on price would be about $500-600.   We'll see in a few months.
>
>73
>Paul
>KR4YL
>just back from Phoenix ....
>
>
>---
>You are currently subscribed to htaprs as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

----
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

163. [htaprs] European aprs frequentie (iaru conference)

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Wed, 29 Sep 1999 09:41:58 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42245-1999.09.29-02.59.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi

I just got this info from paul pa0son who was at the last iaru region 1
conference
They couldn't come up with 1 common frequentie to use across region 1 so we
have 2 frequenties
1) 144.8000. used in the uk and will most likely be used in the netherlands
belgium germany and some other country's
2) 144.8125. this will be used in country's where 144.8000 is already given
away for some other packet that can't be realocated.

I'll get back to you when i know more (date of activation and list off
country's with their frequenties).

73 de Andre PE1RDW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

164. [htaprs] going to columbus/cincinatti steve scott

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 29 Sep 1999 06:28:05 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42267-1999.09.29-08.38.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi sig group

   well have not been on APRs with my TH-D7 lately. When I go to APRs mode
sometimes it sticks in xmit mode, other times it wont let me even turn if
off without removing the battery pack.

my warranty runs out next month so I guess I should once again return it to
kenwood.

the last upgrade fix to make the Magellan meridian xl worked out great.

     all of us involved in APRs in the Las Vegas area try to promote APRs.

anyone coming to vacation or whatever in Las Vegas, let us know on the sig.

73

Steve Scott KD8S

find me on a map!   go to   www.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

165. [htaprs] Re: New Kenwood APRS Radio

From: Dave Armbrust <ae4mr@iasonline.com>
Date: Wed, 29 Sep 1999 16:53:40 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42320-1999.09.29-16.06.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard Parry wrote:

> Given that the D7 is $450, I would think the price is going to be closer to
> $700. I also was at the DCC and saw the radio. The detachable head and
> large display certainly support a price much higher than the D7.
>

I hope Kenwood does not read this group looking for price suggestions!!! I think
a $700 price tag would put it on many wish lists but Kenwood would not sell many

units at this price. $450 for the D7 is reasonable. $470 for the Kenwood V7A is reasonable. $700 for the new radio is too much. I have said for almost a year now that I will buy this unit as soon as it hits the streets. At $700 I would reconsider. It needs to be around $600 or less for it to sell as well as the D7 has done. At $600 I will buy one and show it off all I can and try to convince others to get one too. At $700 I think I will wait for others to try to convince me!

Detachable head is pretty standard for most mobiles as it is a necessity in many vehicles. Large display is needed because of the distance you are reading the display from. Neither item would justify a $700 price tag!

my 2 cents.
--
Dave Armbrust mailto:ae4mr@arrl.net

(941)923-1688 Fax: (941)929-0040
Where am I? http://map.aprs.net:8000/ae4mr-9

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

166. [htaprs] Re: New Kenwood APRS Radio

From: pathardy@pythagoras.org (Pat Hardy)
Date: Wed, 29 Sep 1999 14:31:02 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42323-1999.09.29-16.39.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard Parry wrote --

>Given that the D7 is $450, I would think the price is going to be closer to
>$700. I also was at the DCC and saw the radio. The detachable head and
>large display certainly support a price much higher than the D7.
>
>my 2 cents.
>

My own 2 cents: with HTs one pays a high cost for miniaturization and efficiency of power utilization. A mobile rig doesn't have to sit on your belt without pulling down your pants and it doesn't have to do its thing all day on a handful of NiCds.

Feature for feature, I would therefore expect a mobile unit to be cheaper than an HT...the power amplifier is probably responsible for the extra cost. So $450 for an HT doesn't _necessarily_ mean $700 for the mobile.

Admittedly I haven't seen this mobile!

I have the TH-D7A and I like it. Being in a two-ham household and both having an interest in satellites (my own was sparked by the D7A and MIR) we will look over the new radio carefully when it arrives.

Pat Hardy, ke6wdr

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167. [htaprs] Re: "other" icon setings on D7A - the truth revealed at last

From: "Mike Riffle" <kc8mzm@qsl.net>
Date: Wed, 29 Sep 1999 20:5:49
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42337-1999.09.29-20.17.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 09/28/99, ""Neil Fullagar" <ke6ncx@arrl.net>" wrote:
> Because no matter what I selected on the D7A, except /O which did display as a balloon, the D7A always shwed on my WinAPRS screen as a red dot. So I thought something was not right with the D7A.

I have noticed the same problem with my D7. The CSU-ARC JavAPRS

website(http://radio.artsfac.csuohio.edu/javaprs/ohio.html) always displays
my posit as a red dot or DF triangle while I am at my QTH.

I did some experimenting today and here is what I found. First off, here is
a quote from the symbols.txt in the APRSdos package "The character after
the latitude "N/S" in an APRS position report is a TABLE character and the
character following the longitude "E/W" is the APRS symbol character".
Keeping that in mind take a look at some D7 posits received at the CSU
site:

House icon
KC8MZM>APRS,RELAY*,N8LXY-10,KB8GVQ-10:@292345z4108.26N/08131.79W/017/000/E>dsy/M0/Off
duty.. kc8mzm@qsl.net

Kenwood icon
KC8MZM>APRS,RELAY*,N8LXY-10,KB8GVQ-10:@300024z4108.26N/08131.79W\047/000/E>dsy/M0/Off
duty.. kc8mzm@qsl.net

Car icon
N8VNR-6>APRS,K8TIH,KB8GVQ-13*,WIDE:@234717h4121.80N/08344.20W>000/000MIC/M0/Off
duty..>TH-D7 no GPS

If you look at my posits you will see the character following the latitude
is a / (as it is with all my posits). The character after the longitude is
what I have determined to be the TABLE character (either a / or \). This is
not the way it should be according to the symbols.txt file. I should also
mention that the JavAPRS application interprets the 017 and 047 characters
following the longitude as headings - I can only assume that Kenwood meant
those to be the icon.

Now look at the N8VNR posit and you will see it is formatted correctly. The
only difference I can see is my posits are being received via relay while
VNR's are being received via a digi. Does a digi convert the posits to the
correct format? If so, how? Or is there something wrong with my D7?

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168. [htaprs] Mic-E conversions.

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 29 Sep 1999 22:53:03 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-42351-1999.09.29-22.07.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> ... no matter what I selected on the D7A, except /O which did
> display as a balloon, the D7A always shwed ... as a red dot...

> KC8MZM>APRS,RELAY*,N8LXY-10,KB8GVQ-10:@292345z4108.26N/08131.79W/
> 017/000/E>dsy/M0/Off duty.. kc8mzm@qsl.net

Notice that this is a Mic-E expanded packet. See the E>dsy in the comment
field. This tells us that this packet was expaneded by WA4DSY's Linux
IGate software. We need to feed this bug report to him... I will forward
it to him...

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

169. [htaprs] Re: "other" icon setings on D7A - the truth revealed at last

From: Jon Anhold <jon@snoopy.net>
Date: Wed, 29 Sep 1999 23:20:05 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-42356-1999.09.29-22.34.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As one of the folks responsible for the CSU-ARC JavAPRS server, and a
D7A owner, let me share what I have found.

The IGATE software uncompresses MIC-E encoded packets. (Watch on-air

and they look _much_ different).

For some reason, the current version (or at least the version we are
running at CSU) doesn't quite uncompress them accurately, and one thing
that _definately_ gets munged is the icon.

This isn't necessarily a problem with your D7A, at least I haven't seen
it with mine.

73 de N8USK -Jon

Previously, Mike Riffle (kc8mzm@qsl.net) said:
> On 09/28/99, ""Neil Fullagar" <ke6ncx@arrl.net>" wrote:
> > Because no matter what I selected on the D7A, except /O which did display
> as a balloon, the D7A always shwed on my WinAPRS screen as a red dot. So I
> thought something was not right with the D7A.
>
> I have noticed the same problem with my D7. The CSU-ARC JavAPRS
> website(http://radio.artsfac.csuohio.edu/javaprs/ohio.html) always displays
> my posit as a red dot or DF triangle while I am at my QTH.
>
> I did some experimenting today and here is what I found. First off, here is
> a quote from the symbols.txt in the APRSdos package The character after
> the latitude N/S in an APRS position report is a TABLE character and the
> character following the longitude E/W is the APRS symbol character.
> Keeping that in mind take a look at some D7 posits received at the CSU
> site:
>
> House icon
> KC8MZM>APRS,RELAY*,N8LXY-10,KB8GVQ-10:@292345z4108.26N/08131.79W/017/000/E>dsy/M0/Off
> duty.. kc8mzm@qsl.net
>
> Kenwood icon
> KC8MZM>APRS,RELAY*,N8LXY-10,KB8GVQ-10:@300024z4108.26N/08131.79W\047/000/E>dsy/M0/Off
> duty.. kc8mzm@qsl.net
>
> Car icon
> N8VNR-6>APRS,K8TIH,KB8GVQ-13*,WIDE:@234717h4121.80N/08344.20W>000/000MIC/M0/Off
> duty..>TH-D7 no GPS
>
> If you look at my posits you will see the character following the latitude
> is a / (as it is with all my posits). The character after the longitude is
> what I have determined to be the TABLE character (either a / or \). This is
> not the way it should be according to the symbols.txt file. I should also
> mention that the JavAPRS application interprets the 017 and 047 characters
> following the longitude as headings - I can only assume that Kenwood meant
> those to be the icon.
>
> Now look at the N8VNR posit and you will see it is formatted correctly. The
> only difference I can see is my posits are being received via relay while
> VNR's are being received via a digi. Does a digi convert the posits to the
> correct format? If so, how? Or is there something wrong with my D7?
>
> ---
> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
"Hope is a letter that never arrives, delivered by the postman of my fear."
                                        - 'Tired of Me', Live

---
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170. [htaprs] magellan meridian xl thd-7

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Thu, 30 Sep 1999 08:02:09 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42444-1999.09.30-10.12.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I received a lot of e mail from hams with the thd-7 and the Magellan
meridian xl GPS.

when I first got my new rig, November of 1998, me and a lot of others spent
tons of hours trying to figure out why out nema outputs would not talk to
the th-d7

as time went by, and thanks to this SIG, we found out about then need to
return the rig to Kenwood service for a upgrade.

those of you that e mail me, contact the company you purchased the rig from
and find out how they want to handle the upgrade. I would just say send it
back to Kenwood, but sometimes thats against the policy of the store that
sold it to you, and they might even pay shipping , I don't know.

its all based on serial numbers........but it is fixable.

I use my gray meridian xl with the rig now since the firmware fix.

there are also several web sites about the Kenwood thd-7

someone can go and list them again since there are so many and I did not
save them in my favorites....

73
find me on a map!   go to   www.aprs.net/kd8s-7

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

171. [htaprs] Server Down??

From: Jim Baremore <k5qq@juno.com>
Date: Thu, 30 Sep 1999 16:07:36 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: NMHotair@aol.com
Message-ID: <LYR845-42487-1999.09.30-17.30.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi folks

We are getting ready for the Albuquerque Balloon Fiesta and plan to have
a 24/7 station on the balloon field broadcasting positions. However, as
we warm up the computer we can't get any response from the server.
Trying the same procedure at home also fails to get any data back.

Anyone know what the status is?

Jim Baremore

PS Big worry is that I saw Steve driving to Phoenix for the DCC in an RV
and wonder if he is taking a well deserved vacation on the way back to
Florida and may not know the server is down...

PSS Listen on HF for the N5B special events station from the Balloon
Park. Also on APRS and 2 meters.

_____
Get the Internet just the way you want it.
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172. [htaprs] Re: Server Down??

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Thu, 30 Sep 1999 18:49:11 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        NMHotair@aol.com
Message-ID: <LYR845-42495-1999.09.30-19.00.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jim,

I've heard thru the grape vine, here, that workers
took out a hugh hunk of fibre optics while

trenching!!! Could be several hours before
restoration of service..

73

Jim Baremore wrote:
>
> Hi folks
>
> We are getting ready for the Albuquerque Balloon Fiesta and plan to have
> a 24/7 station on the balloon field broadcasting positions. However, as
> we warm up the computer we can't get any response from the server.
> Trying the same procedure at home also fails to get any data back.
>
> Anyone know what the status is?
>
> Jim Baremore
>
> PS Big worry is that I saw Steve driving to Phoenix for the DCC in an RV
> and wonder if he is taking a well deserved vacation on the way back to
> Florida and may not know the server is down...
>
> PSS Listen on HF for the N5B special events station from the Balloon
> Park. Also on APRS and 2 meters.
>
> ____
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: http://dl.www.juno.com/dynoget/tagj.
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

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173. [htaprs] Re: Server Down??

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Thu, 30 Sep 1999 17:13:57 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        NMHotair@aol.com
Message-ID: <LYR845-42497-1999.09.30-19.26.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 18:49 -0400 9/30/99, Robbie Robertson wrote:
>Hi Jim,
>
>I've heard thru the grape vine, here, that workers
>took out a hugh hunk of fibre optics while
>trenching!!! Could be several hours before
>restoration of service..

The physical connections are fine and you can ping aprs.net. perhaps
APRServe has locked up or they are having trouble switching to the
linux box. I think Steve said that he had a new SGI box on order.
Perhaps he should have just bought a new G4.

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October 1999

Original source file: htaprs.9910
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9910

1. [htaprs] MCP-D7 software

From: Dr Kevin Johnston <kj_anaes@seol.net.au>
Date: Fri, 01 Oct 1999 02:57:03 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42504-1999.10.01-12.21.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi everyone,

many thanks for help with data connections and lead for TH-D7A.
Responses received from a large number of friends. all working well
now.

I have discovered a problem with the beta-version of MCP-D7 upload
software:-

The handheld does not seem to accept being programmed for AM in the
airband section even when the appropriate box is ticked from the
on-screen selection.

AM can be selected from the handheld keys however if the handheld is
then interrogated and then the data reloaded into the handheld the AM
selection again disappears.

Has anyone else noticed this problem??

Kevin VK5KJ
Mount Gambier. South Australia

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2. [htaprs] GPS-30/35

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Fri, 01 Oct 1999 13:30:51 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42596-1999.10.01-12.28.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all anyone know if the Garmin GPS-30 or 35 works on the TH-D7 ??
cheers all from Down-Under .
--
Name   : Art.van.Esch
Url   : http://www.winshop.com.au/vk4go/aprswhat.
location   : Surfers-Paradise (Gold-Coast)
Country   : Australia 4217
Callsign   : VK4GO
ICQ   : 139612

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] Please watch for N5B Gas Balloons

From: Jim Baremore <k5qq@juno.com>
Date: Fri, 1 Oct 1999 22:08:46 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: nmhotair@aol.com
Message-ID: <LYR845-42704-1999.10.01-23.21.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi APRS'ers

Hopefully Saturday (10/2/99) evening the Gas Balloons in the Gordon
Bennett race will be taking off from the Albuquerque Balloon Fiesta and
leaving APRS signals from here to somewhere on the east coast. The
American team are all hams and have agreed to put APRS trackers on their
balloons (Unusual for such a highly competitive crowd!) We also have a
special event station call assigned, N5B, and the balloons will be using

the calls N5B-1,-2,-3 with their control op calls in the beacon texts.

But, with the server down and with the likelihood there will be some
regions where stations hear them but no server access is available, we
would like any log files of their flights to be sent to K5QQ@AOL.COM

So, if you have your stations on for the next several days, (The flights
may last up to 4 days) please take a moment and save any data from these
stations.

Thanks a lot!!!

Jim Baremore K5QQ
For the Albuquerque Explorium
_____
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] Re: Please watch for N5B Gas Balloons

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sat, 2 Oct 1999 02:10:36 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-42731-1999.10.02-02.21.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>But, with the server down and with the likelihood there will be some
>regions where stations hear them but no server access is available, we

use this server to send and watch

From: "Jeff Brenton" <jeffb@espi.com>
Date: Fri, 1 Oct 1999 22:36:34 -0500

Until Steve can reset the other server, you COULD edit your APRServe.TXT file to
include:

n9uur.aprs.net   10151 Milwaukee w/8hr dump

(remember, those are TAB characters between the fields)

Don't forget to restart Win/MacAPRS to reread the file.

Jeff Brenton, Ham radio call KA9VNV

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] Re: Please watch for N5B Gas Balloons

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Sat, 2 Oct 1999 18:21:48 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-42857-1999.10.02-20.34.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Help! Where do you edit the APRSServe settings (hosts) in MacAPRS????

At 02:10 -0500 10/2/99, Robert Winingham wrote:
> >But, with the server down and with the likelihood there will be some
> >regions where stations hear them but no server access is available, we
>
>use this server to send and watch

>-----------------------------------
>From: "Jeff Brenton" <jeffb@espi.com>
>Date: Fri, 1 Oct 1999 22:36:34 -0500
>
>Until Steve can reset the other server, you COULD edit your
>APRServe.TXT file to
>include:
>
>n9uur.aprs.net   10151 Milwaukee w/8hr dump
>
>(remember, those are TAB characters between the fields)
>
>Don't forget to restart Win/MacAPRS to reread the file.
>
>Jeff Brenton, Ham radio call KA9VNV
>---
>
>
>73
>
>
>-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----
>
>
>---
>You are currently subscribed to htaprs as: n7aac@aztenx.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] Re: Please watch for N5B Gas Balloons

From: "Gary S. Bargholz" <N9UUR@execpc.com>
Date: Sat, 2 Oct 1999 21:05:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42865-1999.10.02-21.16.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Help! Where do you edit the APRSServe settings (hosts) in MacAPRS????
>
>
>
> At 02:10 -0500 10/2/99, Robert Winingham wrote:
> > >But, with the server down and with the likelihood there will be some
> > >regions where stations hear them but no server access is available, we
> >
> >use this server to send and watch
> >-----------------------------------
> >From: "Jeff Brenton" <jeffb@espi.com>
> >Date: Fri, 1 Oct 1999 22:36:34 -0500
> >
> >Until Steve can reset the other server, you COULD edit your
> >APRServe.TXT file to
> >include:
> >
> >n9uur.aprs.net   10151 Milwaukee w/8hr dump
> >
> >(remember, those are TAB characters between the fields)
> >
> >Don't forget to restart Win/MacAPRS to reread the file.
> >
> >Jeff Brenton, Ham radio call KA9VNV

This is the first I've seen of this, is something up (or down) with APRS.NET?
The MKE Igate seems to be working fine. Information about using it may be
found at:
http://www.execpc.com/~n9uur/igate.html

Gary

_____

```
Gary Bargholz
http://www.execpc.com/~n9uur
AMSAT Area 9 Coordinator, Wisconsin
Chairman:   W.A.R. The WI Association of Repeaters
Treasurer:  M.R.C. The Milwaukee Repeater Club
Owner:      N9UUR-10 Milwaukee APRServe IGate
                  (N9UUR.IMC.MU.EDU:23)
_____________________________________________

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

7. [htaprs] CD-10 Display

```
From: "Art.van.Esch" <surf@winshop.com.au>
Date: Sun, 03 Oct 1999 13:34:17 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42886-1999.10.02-22.46.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Hello all I have here new in box a kenwood Callsign Display unit CD-10
and like to use it for display aprs callsign activity is there anyone
out there who get that going ?? I hookup audio out from TH-D7 to input
DC-10 but no callsign display following the instruction manual anyone a
idea ?? 73 all from the Gold-Coast

--
Name       : Art.van.Esch
Url        : http://www.winshop.com.au/vk4go
location   : Surfers-Paradise
Country    : Australia 4217
Callsign   : VK4GO
ICQ        : 139612



---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

8. [htaprs] Re: Please watch for N5B Gas Balloons

```
From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 3 Oct 1999 13:35:58 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42995-1999.10.03-12.47.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
On 10/2/99 9:21 PM, Clark A. Lowry N7AAC (N7AAC@aztenx.org)  passed this
wisdom:

>Help! Where do you edit the APRSServe settings (hosts) in MacAPRS????
>
>
>
>At 02:10 -0500 10/2/99, Robert Winingham wrote:
>> >But, with the server down and with the likelihood there will be some
>> >regions where stations hear them but no server access is available, we
>>
>>use this server to send and watch
>>-------------------------------------
>>From: "Jeff Brenton" <jeffb@espi.com>
>>Date: Fri, 1 Oct 1999 22:36:34 -0500
>>
>>Until Steve can reset the other server, you COULD edit your
>>APRServe.TXT file to

 same place you edit it in Windows - APRServe.TXT is in the MacAPRS
foleder. I edited mine and all was well in the world -- remeber the
fileds are TSB delimited.


Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys  <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

   "Luge strategy? Lie flat and try not to die." -- from on the Net
```

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9. [htaprs] D7 Mods, oops!?!?!?

From: Jim Duncan <ku0g@kcaprs.org>
Date: Sun, 03 Oct 1999 14:02:04 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43001-1999.10.03-14.12.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, I did the extended receive mod on the D7A. I've now lost the air
band. Where I could have two VHF frequencies on screen at the same time
and transmit on the B Channel while using A for APRS, I am now no longer
able to do this.... Any suggestions???

Am I just dreaming that I could xmit before on B with both bands on VHF?
--
73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group, W0APR
First Alert Storm Team -- KMBC-TV
Mailto:ku0g@kcaprs.org
Webpage: http://www.kcaprs.org

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10. [htaprs] Re: Please watch for N5B Gas Balloons

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Sun, 3 Oct 1999 12:01:39 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43002-1999.10.03-14.14.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

DUH!!
Thanks
Thats what I thought, but when I could'nt find an APRServe.txt in my
MacAPRS directory I panicked. I had made the correction in WinAPRS
but could mot see a file to edit in MacAPRS. I just copied it over
and it works fine now.

I have iGated the Phoenix area for the time being.

At 13:35 -0400 10/3/99, Brian B. Riley wrote:
>On 10/2/99 9:21 PM, Clark A. Lowry N7AAC (N7AAC@aztenx.org) passed this
>wisdom:
>
> >Help! Where do you edit the APRSServe settings (hosts) in MacAPRS????
>
> same place you edit it in Windows - APRServe.TXT is in the MacAPRS
>foleder. I edited mine and all was well in the world -- remeber the
>fileds are TSB delimited.

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11. [htaprs] HTAPRS: Connecting TH-D7A to Garmin GPS 12 XL

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Sun, 03 Oct 1999 16:38:27 PDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43050-1999.10.03-18.50.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi gang --

I'm brand new to the list, and very pleased to find a place to learn more
about my HT.

I□m trying to get my Garmin GPS 12XL to talk to my Kenwood TH-D7A digital
handitalkie. Any Elmers out there who are experienced in this interface? I
can□t get the Kenwood to acknowledge that it□s receiving any data from the
Garmin.

The Garmin power/data cord attaches the Garmin ground to the grounded side
of a 2.5 mm stereo plug, which is attached to the TH-D7A GPS socket. The
Garmin "data out" line is attached to the stereo plug ring, which is "RXD"
on the Kenwood rig.

The Garmin interface menu is set for "NONE/NMEA." I□ve also tried all of
the following:
NMEA 0180 @ 1200 baud
NMEA 0182 @ 1200 baud
NMEA 0183 1.5 @ 130, 300, 600, 1200, 2400, 4800 & 9600 baud
NMEA 0183 2.0 @ 130, 300, 600, 1200, 2400, 4800 & 9600 baud
The Garmin tends to get hung up in the NMEA 0183 settings, rendering the
pushbutton controls inoperative.

I□ve programmed the following menu options in the TH-D7A:
2-1 MY CALL   N7RR
2-2 GPS UNIT   NMEA
2-3 MY POSITION MyPos CN88PX N 48□ 59.24 W 122□ 44.38
(I programmed the lat/long coordinates manually, and the Maidenhead
coordinates automatically adjusted.)
When the Garmin is attached and is operating normally with data from several
satellites available and when I access MY POSITION with POS, it reads:
MyPos JJ00AA N 00□ 00.00 E 000□ 00.00
This indicates to me that the Kenwood is receiving no data from the Garmin.
2-4 POS COMMENT   Enroute
2-5 ICON [tent for portable]
2-6 STATUS TEXT   n7rr@arrl.net Elmer?
2-7 TX INTERVAL   (various settings)
2.8 PACKET PATH   RELAY, WIDE
2.9 DATA TX   AUTO
2-A UNPROTOCOL   APK001
2-B POS LIMIT   OFF
2-C UNIT   km, □C
With BCON operating, the TH-D7A transmits packets on 144.39 MHz according to
the specified interval.

Am I doing something wrong?   Is there a symptom of something awry with
either the Garmin or the Kenwood?   Thanks for your help.

73, Bruce Prior N7RR in Blaine, WA -- one of the Mangy Mushers

_____
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12. [htaprs] Re: HTAPRS: Connecting TH-D7A to Garmin GPS 12 XL

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Sun, 3 Oct 1999 18:40:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43052-1999.10.03-18.52.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> The Garmin power/data cord attaches the Garmin ground to the grounded side
> of a 2.5 mm stereo plug, which is attached to the TH-D7A GPS socket. The
> Garmin "data out" line is attached to the stereo plug ring, which is "RXD"
> on the Kenwood rig.

Try putting it on the TXD pin. Apparently they labelled it for which pin it
should be connected to, rather than which pin it is.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] Re: HTAPRS: Connecting TH-D7A to Garmin GPS 12 XL - Walking ICON?

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Sun, 03 Oct 1999 17:49:40 PDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43065-1999.10.03-20.01.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi again, gang!

Well, glory be! I was leafing through the Kenwood manual again and stumbled
across a small supplemental page pasted in which told me exactly what I
needed to know. I'd wired the cable correctly. The problem is that I
needed to set the Garmin INTERFACE to:
NMEA/NMEA
NMEA 0183 2.0
4800 baud

... and voila! They talk to one another. From my front porch, I could
watch as the selective availability changed my location coordinates
slightly, and, with a bit of delay, the data were reflected in the MY
POSITION window on the TH-D7A. Now one more question. There's an ICON for
joggers. That's a bit fast afoot for me. Is there something besides the
portable tent that I can use for a more pedestrian walking pace ICON?

Thanks. Bruce Prior

>From: "Bruce Prior" <n7rr@hotmail.com>
>To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
>Subject: [htaprs] HTAPRS: Connecting TH-D7A to Garmin GPS 12 XL
>Date: Sun, 03 Oct 1999 16:38:27 PDT
>
>Hi gang --
>
>I'm brand new to the list, and very pleased to find a place to learn more
>about my HT.
>
>I□m trying to get my Garmin GPS 12XL to talk to my Kenwood TH-D7A digital
>handitalkie. Any Elmers out there who are experienced in this interface?
>I
>can□t get the Kenwood to acknowledge that it□s receiving any data from the
>Garmin.
>
>The Garmin power/data cord attaches the Garmin ground to the grounded side
>of a 2.5 mm stereo plug, which is attached to the TH-D7A GPS socket. The
>Garmin "data out" line is attached to the stereo plug ring, which is "RXD"
>on the Kenwood rig.
>
>The Garmin interface menu is set for "NONE/NMEA." I□ve also tried all of
>the following:
>NMEA 0180 @ 1200 baud
>NMEA 0182 @ 1200 baud
>NMEA 0183 1.5 @ 130, 300, 600, 1200, 2400, 4800 & 9600 baud
>NMEA 0183 2.0 @ 130, 300, 600, 1200, 2400, 4800 & 9600 baud
>The Garmin tends to get hung up in the NMEA 0183 settings, rendering the
>pushbutton controls inoperative.
>
>I□ve programmed the following menu options in the TH-D7A:
>2-1 MY CALL   N7RR
>2-2 GPS UNIT   NMEA
>2-3 MY POSITION MyPos CN88PX N 48□ 59.24 W 122□ 44.38
>(I programmed the lat/long coordinates manually, and the Maidenhead
>coordinates automatically adjusted.)
>When the Garmin is attached and is operating normally with data from
>several
>satellites available and when I access MY POSITION with POS, it reads:
>MyPos JJ00AA N 00□ 00.00 E 000□ 00.00
>This indicates to me that the Kenwood is receiving no data from the Garmin.
>2-4 POS COMMENT   Enroute
>2-5 ICON [tent for portable]
>2-6 STATUS TEXT   n7rr@arrl.net Elmer?
>2-7 TX INTERVAL   (various settings)
>2.8 PACKET PATH   RELAY, WIDE
>2.9 DATA TX   AUTO
>2-A UNPROTOCOL   APK001
>2-B POS LIMIT   OFF
>2-C UNIT   km, □C
>With BCON operating, the TH-D7A transmits packets on 144.39 MHz according
>to
>the specified interval.
>
>Am I doing something wrong?   Is there a symptom of something awry with
>either the Garmin or the Kenwood?   Thanks for your help.
>
>73, Bruce Prior N7RR in Blaine, WA -- one of the Mangy Mushers
>
>
>_____

>Get Your Private, Free Email at http://www.hotmail.com
>
>---
>You are currently subscribed to htaprs as: n7rr@hotmail.com
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>

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14. [htaprs] vc-h1

From: Dr Kevin Johnston <kj_anaes@seol.net.au>
Date: Mon, 04 Oct 1999 01:00:55 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43067-1999.10.03-20.10.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings from Kevin VK5KJ
Mount Gambier   South Australia

This is not really an "APRS" issue but I bought the package of D7 and
VCH1 SSTV unit and am very pleased with both.

Is there an equivalent user group for the VC-H1 users??
In particular I am seeking software for PC or Laptop to up and download
images etc from VC-H1. I cant find anything on any Kenwood site.

Can anyone give me any leads? Dealer support for new gear here in VK is
limited especially outside major city areas.

Many thanks
Kevin VK5KJ

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15. [htaprs] Re: Please watch for N5B Gas Balloons

From: Jim Baremore <k5qq@juno.com>
Date: Sun, 3 Oct 1999 19:14:50 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-43079-1999.10.03-20.46.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 2 Oct 1999 02:10:36 -0500 Robert Winingham <kc5ejk@onramp.net>
writes:
>
> ... you COULD edit your
> APRServe.TXT file to
> include:
>
> n9uur.aprs.net   10151 Milwaukee w/8hr dump
>
> (remember, those are TAB characters between the fields)
>

Yes It works and thanks!! We used this as .....net:23 and that worked.
I am too ignorant of the networking stuff to understand the '10151'
Should I be using that instead of the :23?

Thanks and again, we appreciate any reports to fill in what we might have
missed.

Jim Baremore   K5QQ
_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

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16. [htaprs] Re: vc-h1

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 3 Oct 1999 23:02:00 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43097-1999.10.03-22.13.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 10/3/99 9:00 PM, Dr Kevin Johnston (kj_anaes@seol.net.au) passed this
wisdom:

>Greetings from Kevin VK5KJ
>Mount Gambier South Australia
>
>This is not really an "APRS" issue but I bought the package of D7 and
>VCH1 SSTV unit and am very pleased with both.
>
>Is there an equivalent user group for the VC-H1 users??
>In particular I am seeking software for PC or Laptop to up and download
>images etc from VC-H1. I cant find anything on any Kenwood site.
>
>Can anyone give me any leads? Dealer support for new gear here in VK is
>limited especially outside major city areas.

Try this, there are several links there that may be of use ....

<http://aprn.rutgers.edu/index.html>

73 de brian, ka2bqe

Brian B. Riley --> http://members.macconnect.com/~brianbr
For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"Americans are so enamored of equality that they would rather
be equal in slavery than unequal in freedom." - Alexis deToqueville

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17. [htaprs] Airline WIndow GPS holder

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 3 Oct 1999 23:13:05 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43105-1999.10.03-22.25.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WHile flying back from DCC and this weekend from the ARRL convention, I
found it hard to keep my GPS locked onto satellites while holding the GPS
by the window (after getting permission to use it).

Today, I realized that a very simple holder can be made from an 11 3/8"
stick (like a thin ruler) whoes ends can stick into the slots on either
side where the shade pulls down. The slots are almost 3/8" deep and about
1/8" wide. THus a simple 1" wide ruler with a small 2 inch wood shelf on
it for the GPS will make a handy item in my briefcase next trip.

The 11 3/8" length of the "ruler" is for a Boeing 757. I would like to
hear of any other dimensions from otehr travelers. If the "ruler" is too
long, that is no problem, you just stick it in at an angle. But if it is
too short, then thats too bad. I think Ill make mine maybe 12" for now,
in case there are any wide windows..

You dont need to take a ruler to measure. Just hold up the flight
magazine and then tear out a strip of one page to mark the correct length
and measure it when you get home...

de WB4APR, Bob

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18. [htaprs] Re: Airline WIndow GPS holder

From: Jon Anhold <jon@snoopy.net>
Date: Sun, 3 Oct 1999 23:22:19 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-43109-1999.10.03-22.33.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob, I'm curious how you got permission to use it. Did you just ask the
pilot?

-j

Previously, Bob Bruninga (bruninga@nadn.navy.mil) said:
> WHile flying back from DCC and this weekend from the ARRL convention, I
> found it hard to keep my GPS locked onto satellites while holding the GPS
> by the window (after getting permission to use it).
>
> Today, I realized that a very simple holder can be made from an 11 3/8"
> stick (like a thin ruler) whoes ends can stick into the slots on either
> side where the shade pulls down. The slots are almost 3/8" deep and about
> 1/8" wide. THus a simple 1" wide ruler with a small 2 inch wood shelf on
> it for the GPS will make a handy item in my briefcase next trip.
>
> The 11 3/8" length of the "ruler" is for a Boeing 757. I would like to
> hear of any other dimensions from otehr travelers. If the "ruler" is too
> long, that is no problem, you just stick it in at an angle. But if it is
> too short, then thats too bad. I think Ill make mine maybe 12" for now,
> in case there are any wide windows..
>
> You dont need to take a ruler to measure. Just hold up the flight
> magazine and then tear out a strip of one page to mark the correct length
> and measure it when you get home...
>
> de WB4APR, Bob
>
>
>
> ---
> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
>From now on, I will try not to reason with the idiots I encounter.
I will dismiss them by waving my paw and saying 'Bah'
                                                    - Dogbert

---
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19. [htaprs] Re: GPS-30/35

From: Phillip Clark <pbclark1@ibm.net>
Date: Sun, 03 Oct 1999 20:54:32 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-43113-1999.10.03-23.07.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My Garmin GPS-35 works just fine with my TH-D7.

Phil

"Art.van.Esch" wrote:

> Hello all anyone know if the Garmin GPS-30 or 35 works on the TH-D7 ??
> cheers all from Down-Under .
> --
> Name   : Art.van.Esch
> Url   : http://www.winshop.com.au/vk4go/aprswhat.
> location   : Surfers-Paradise (Gold-Coast)
> Country   : Australia 4217
> Callsign   : VK4GO
> ICQ   : 139612
>
> ---
> You are currently subscribed to htaprs as: pbclark1@ibm.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] Re: Airline WIndow GPS holder

From: Jon Ogden <jono@enteract.com>
Date: Sun, 3 Oct 1999 23:16:48 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43119-1999.10.03-23.28.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Anhold wrote:

>Bob, I'm curious how you got permission to use it. Did you just ask the
>pilot?

There has been a huge discussion in the past on APRSSIG on the use of GPS
RXs in commercial aircraft. Some airlines say that radio receivers are
not allowed. Others (Delta in particular) specifically state that only
FM/AM commercial receivers are prohibited and that VHF/UHF scanning
receivers are allowed except when the plane is at an altitude less than
10,000 feet.

I've used my GPS unit on numerous flights and have not had a problem with
it a single time. No one has ever asked me what I was doing.

Bottom line is that it's easier to ask forgiveness than permission. We
know these units aren't dangerous to the plane as they have GPS receivers
in the cockpit. However, the crew may not know that, etc. So if you ask
for permission, they may say no. If you don't ask for permission and
they request you to turn the device off, just do it and leave it off for
the flight. No problems!

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Re: Airline WIndow GPS holder

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 4 Oct 1999 09:29:53 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-43189-1999.10.04-08.41.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 3 Oct 1999, Jon Anhold wrote:

> Bob, I'm curious how you got permission to use it. Did you just ask the
> pilot?

I was in the LAST seat on the plane. The pilot (4 striper) was chatting
with the passengers and made it all the way back. I held up my GPS and
asked if it was ok, and he said "sure, its better than what we have up
front". He wanted to look at it and was quite tickled with it (GPS-III).
It showed we were over the oklahoma panhandle..

He had spent so long in the PAX cabin, that he really did not know quite
were we were and was pleased to get an update from the "back seat"...
Someone asked who was flying the plane and his response was "nobody"...
(he did further elaborate...)

On one earlier flight, I think i either read or asked the stewardess if

GPS receivers were OK, and it was...

As long as there are NO INTERFACES OR CONNECTING WIRES. They dont want
anything to act as a radiator...

de WB4APR, Bob

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22. [htaprs] GPS on airplanes

From: GPersons <railfan@flash.net>
Date: Mon, 04 Oct 1999 04:14:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43269-1999.10.04-16.28.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Interesting Bob. I went to Vegas this year on Sun Country and ask at the
ticket counter agent if I could use my Garmin 40 on the plane. She
disappeared in the back and got a fellow to talk to me. He BEGGED me not
to even turn the thing on. I explained that it was a GPS and he again ask
me not to even turn it on. I believe his exact words were: "Please don't
use that "thing" on my airplane".
You would think that the Airlines could get together on which electronic
devices you can and can't use. Seems that industry wide EMI testing would
save a whole lot of money and standardize on the different devices. On a
trip to Australia on Cathay Pacific, my son could not even use his portable
CD player! I just don't even understand that one!

73

Gary

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] Re: GPS on airplanes

From: Jon Ogden <jono@enteract.com>
Date: Mon, 4 Oct 99 16:22:04 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43271-1999.10.04-16.32.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GPersons wrote:

>I went to Vegas this year on Sun Country and ask at the
>ticket counter agent if I could use my Garmin 40 on the plane. She
>disappeared in the back and got a fellow to talk to me. He BEGGED me not
>to even turn the thing on. I explained that it was a GPS and he again ask
>me not to even turn it on.

Again:

It is easier to ask forgiveness than it is to ask permission.

You know and I know that the GPS is perfectly safe and presents no
hazard. The average intelligence of the population, particularly counter
workers for the airlines, is not all that high when it comes to technical
matters. If ham radio operators are appliance ops, think of the rest of
society! They are just trained to say "NO" to any kind of radio device.

Just remember what I said above as it will help in all areas of life.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] Re: GPS on airplanes

From: GPersons <railfan@flash.net>
Date: Mon, 04 Oct 1999 06:05:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43290-1999.10.04-18.19.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You are more gutsy than I. I understand that there are some pretty sever
Federal penalties for unauthorized use of electronics on aircraft. I just
don't want to take a chance. My life and the lives of the other passengers
ain't worth the disappointment of not getting to use a piece of electronics
on a trip. I guess I am just paranoid. Airlines have policy in place
concerning the use of electronics on the aircraft for a reason. EMI testing
is VERY expensive and it just isn't possible or practical to test each and
every piece of electronics that someone might carry on a plane. So, they
make a general ban on most electronics. Unfortunately, they are not
consistent in what can and can be used. A computer with a whirling CDROM
drive is OK but an audio CD player isn't? So if I put an audio CD in my
CDROM drive on my computer, do I have to shut it down? Go figure that one
out. I sure can't.

73

Gary

BTW: Some where in the FAR/AIM is a chapter on this issue.

At 04:22 PM 10/04/1999 -0500, you wrote:
>GPersons wrote:
>
>>I went to Vegas this year on Sun Country and ask at the
>>ticket counter agent if I could use my Garmin 40 on the plane. She
>>disappeared in the back and got a fellow to talk to me. He BEGGED me not
>>to even turn the thing on. I explained that it was a GPS and he again ask
>>me not to even turn it on.
>
>Again:
>
>It is easier to ask forgiveness than it is to ask permission.
>
>You know and I know that the GPS is perfectly safe and presents no
>hazard. The average intelligence of the population, particularly counter
>workers for the airlines, is not all that high when it comes to technical
>matters. If ham radio operators are appliance ops, think of the rest of
>society! They are just trained to say "NO" to any kind of radio device.
>
>Just remember what I said above as it will help in all areas of life.
>
>73,
>
>Jon
>KE9NA
>
>
>---
>The Second Amendment is NOT about duck hunting!
>
>
>Jon Ogden
>
>jono@enteract.com
>www.qsl.net/ke9na
>
>"A life lived in fear is a life half lived."
>
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Re: GPS on airplanes

From: "Pat \"BUFF\" Hykkonen" <pat@hykkonen.net>
Date: Mon, 4 Oct 1999 18:44:42 -0500 (CDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-43294-1999.10.04-18.56.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 4 Oct 1999, GPersons wrote:

> Unfortunately, they are not consistent in what can and can be used. A
> computer with a whirling CDROM drive is OK but an audio CD player
> isn't? So if I put an audio CD in my CDROM drive on my computer, do I
> have to shut it down? Go figure that one out. I sure can't.

Always an interesting point when someone brings up that a laptop computer is a very good source of broadband RFI in the debate about GPS on a commercial aircraft.

How would business travelers in general react to a prohibition of laptop usage on aircraft? The airlines couldn't withstand the financial boycot that would most likely ensue.

Likewise, if enough customers requested they be allowed to use GPS receivers during flight the airlines would probably capitulate.

I once flew Continental to Florida. My carry on laptop pack always has a GPS receiver inside. This is also where I place my pager and telephone for the duration of the flight (all turned off, per regulations). I was lucky enough to board the plane early (no, not first class), and while awaiting the other passengers to board a flight attendant asked everyone seated in my general vicinity (2 or 3 rows in front of me and the same number behind, on my side of the cabin), including myself if they had a GPS receiver. Has anyone else had this experience?

--
Pat Hykkonen, N5NPL
pat@hykkonen.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] HP-360LX

From: "Neil Ensign" <ensign@mitkof.net>
Date: Mon, 4 Oct 1999 16:24:26 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43301-1999.10.04-19.35.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

Could someone tell me if there is a terminal program and a way to connect the TH-D7A to a Hewlett Packard HP 360LX Palmtop PC for packet? I have searched the Windows CE webpages with no luck so far. Thanks.....

Neil Ensign

N7ZYS

Petersburg, Alaska

27. [htaprs] My New TH-D7

From: "Michael Jones" <mjones@hughes.net>
Date: Mon, 4 Oct 1999 17:28:34 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43303-1999.10.04-19.41.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just purshased a new TH-D7a at the ARRL Southwestern Division HamCon on the Queen Mary in Long Beach, CA. I bought it Saturday evening, charged it all night while reading the manual, then put it into full operation Sunday morning.

While I was there, everything seemed to be operating perfectly. I could both get and receive APRS messages. Whenever my report went out (as relay,wide) I always promptly saw it echoed back as 'my packet.'

Now I'm home and I have never once seen 'my packet' and I began to think I wasn't getting out. Sure enough, I can't be heard from the HT with rubber duck by anyone to relay me. There are stations that I know for sure I can reach, but there is so much traffic that the HT can't hear, so I get drowned out. Any suggestions? I can't run with the squelch wide open it'll drain the battery too fast.

While experimenting I also noticed another thing that really bothered me. Unless I have my GPS connected, I don't transmit any lat/lon info. On page 61 of the manual it says, "It also allows you to manually enter position data to transmit; use this function if you do not have a GPS receiver" I really hope that all I need is a menu setting changed. I have tried both 'copying' data from the GPS and manually entering position info. Doesn't transmit either way. I have alos tried both NMEA and NOT USED for menu 2-2. I don't know if I was transmitting position info on the Queen Mary or not, at that time I hadn't hooked up a GPS yet; I had only manually entered my position from the GPS coords.

So, how the heck to I transmit position info without GPS connected?

73,
Mike
KF6SWI

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] Re: My New TH-D7

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Mon, 4 Oct 1999 19:33:10 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43304-1999.10.04-19.45.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Now I'm home and I have never once seen 'my packet' and I began to think I
> wasn't getting out. Sure enough, I can't be heard from the HT with rubber
> duck by anyone to relay me. There are stations that I know for sure I can
> reach, but there is so much traffic that the HT can't hear, so I get
drowned
> out. Any suggestions? I can't run with the squelch wide open it'll drain
the
> battery too fast.

An SMA whip antenna works for me. The provided ant is about 3X less range, which means that the whip has >6dB more gain!

>
> So, how the heck to I transmit position info without GPS connected?

AFAIK, you have to enter it by hand in the menu, and use GPS NONE.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] Re: My New TH-D7

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 4 Oct 1999 21:21:09 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-43308-1999.10.04-20.33.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

1) Be sure the nearby stations aroudn you have RELAY enabled. We just recently discovered that WinAPRS had not been initializing everyone to

RELAY. So maybe you are getting out, but no one nearby is digipeating
you.

2) Be sure the digis in your area are WIDE-RELAY's. Some areas of the
country still have some old WIDE only digipeaters.

Test the above problems by entering specific calls in your path. If you
can digi through them by their actual call, but not by RELAY, then there
is the problem...

bob
 On Mon, 4 Oct 1999, Michael Jones wrote:

> I just purshased a new TH-D7a at the ARRL Southwestern Division HamCon on
> the Queen Mary in Long Beach, CA. I bought it Saturday evening, charged it
> all night while reading the manual, then put it into full operation Sunday
> morning.
>
> While I was there, everything seemed to be operating perfectly. I could both
> get and receive APRS messages. Whenever my report went out (as relay,wide) I
> always promptly saw it echoed back as 'my packet.'
>
> Now I'm home and I have never once seen 'my packet' and I began to think I
> wasn't getting out. Sure enough, I can't be heard from the HT with rubber
> duck by anyone to relay me. There are stations that I know for sure I can
> reach, but there is so much traffic that the HT can't hear, so I get drowned
> out. Any suggestions? I can't run with the squelch wide open it'll drain the
> battery too fast.
>
> While experimenting I also noticed another thing that really bothered me.
> Unless I have my GPS connected, I don't transmit any lat/lon info. On page
> 61 of the manual it says, "It also allows you to manually enter position
> data to transmit; use this function if you do not have a GPS receiver" I
> really hope that all I need is a menu setting changed. I have tried both
> 'copying' data from the GPS and manually entering position info. Doesn't
> transmit either way. I have alos tried both NMEA and NOT USED for menu 2-2.
> I don't know if I was transmitting position info on the Queen Mary or not,
> at that time I hadn't hooked up a GPS yet; I had only manually entered my
> position from the GPS coords.
>
> So, how the heck to I transmit position info without GPS connected?
>
> 73,
> Mike
> KF6SWI
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] Re: HP-360LX

From: Walter Dunckel <wdunckel@best.com>
Date: Mon, 04 Oct 1999 20:23:53 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-43329-1999.10.04-22.34.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is how to set up the terminal program that comes with WinCE.
http://www.qsl.net/kc7gnm/packet_hpc.html
To do this, you will need a th-d7 cable, null modem male to male
adapter, and the cable for your WinCE device.

Enjoy,

Walter
http://www.radiohound.com

Neil Ensign wrote:

> Hello, Could someone tell me if there is a terminal
> program and a way to connect the TH-D7A to a Hewlett Packard HP 360LX
> Palmtop PC for packet? I have searched the Windows CE webpages with no
> luck so far.
> Thanks.....
> Neil
> Ensign
> N7ZYS
> Petersburg, Alaska

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31. [htaprs] Pico for sale

From: jlagreek <jlagreek@inlink.com>
Date: Mon, 4 Oct 1999 23:23:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43334-1999.10.04-23.36.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have and extra TNC and would like to offer it to the SIGs first. It is a
Pacomm Pico single port TNC. Bought new at Dayton in 1998. It has ver 5.0
firmware dated 9/17/97. I have the manual, serial cable and power cable
with original box.. Asking $100 and I will pay for ground shipping to
continental US. Please email me directly with offers and questions.
Prepayment with a Cashiers Check or Money Orders is requested before
shipping.

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] Re: QRZ:

From: "Gary S. Bargholz" <N9UUR@execpc.com>
Date: Tue, 5 Oct 1999 00:08:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-43366-1999.10.05-00.56.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> hello my friend thanks for taking over the aprs .net prob. is your link
> over used or is there a Max of users if so let me know as of today I was
> cut off from it and cant get back on hope this find u well
>
> Robert Kennedy
> PO box 462
> calvert city
> 42029
> http://www.apex.net/users/ke4hsb
>

Hello!

As the Miami node is down, the Milwaukee Server is "trying" to pick up
the extra load of all the APRS users.
The situation is a problem in the APRSServe software that "overloads" after
many people connect. The Milwaukee Server runs the same software as the
Miami server, so it therefore has the same "bug".
I am finding the the server lasts 24 hours at most before locking up.
I "reset" it a 8AM and 2PM local time. It is locked up again now (Midnight).
I will try reset it again.

Steve (the software author) is aware on the problem, but is currently on
vacation.

The best I can do is to reset the server as it overloads and boggs out.

73 Gary

_____

Gary Bargholz
http://www.execpc.com/~n9uur
AMSAT Area 9 Coordinator, Wisconsin
Chairman: W.A.R. The WI Association of Repeaters
Treasurer: M.R.C. The Milwaukee Repeater Club
Owner: N9UUR-10 Milwaukee APRServe IGate
                (N9UUR.IMC.MU.EDU:23)
_____

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

33. [htaprs] Re: reset the server

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 5 Oct 1999 02:22:24 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43371-1999.10.05-02.33.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The best I can do is to reset the server as it overloads and boggs out.
>

Sounds like a job for the watch dog timer on a PIC chip :-)

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

34. [htaprs] Re: QRZ:

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Tue, 05 Oct 1999 11:04:26 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43376-1999.10.05-04.19.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Oorspronkelijk bericht-----
Van: Gary S. Bargholz [mailto:N9UUR@execpc.com]
Verzonden: dinsdag 5 oktober 1999 7:09
Aan: TAPR HT APRS Special Interest Group
CC: htaprs@tapr.org
Onderwerp: [htaprs] Re: QRZ:

> hello my friend thanks for taking over the aprs .net prob. is your link
> over used or is there a Max of users if so let me know as of today I was
> cut off from it and cant get back on hope this find u well
>
> Robert Kennedy
> PO box 462
> calvert city
> 42029
> http://www.apex.net/users/ke4hsb
>

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Gary Bargholz
http://www.execpc.com/~n9uur
AMSAT Area 9 Coordinator, Wisconsin
Chairman: W.A.R. The WI Association of Repeaters
Treasurer: M.R.C. The Milwaukee Repeater Club
Owner: N9UUR-10 Milwaukee APRServe IGate
                (N9UUR.IMC.MU.EDU:23)
_____

i got connected to your server last night Gary but i couldn't feed my data
to it
did you take over steve's password's? if not than that's the reason.

i don't use a win/macaprs registration key but a personal password given by
steve.
if youre wondering why it's realy simple i don't use win or macaprs but
aprsd2.0.10 and xastir as my setup is all linux

73 de Andre PE1RDW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] Re: GPS on airplanes

From: Dan Greathouse <dan@ncweb.com>
Date: Tue, 17 Jan 1978 11:49:57 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43377-1999.10.05-05.23.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, Oct 4, 1999, at 06:44 PM, Pat \BUFF\ Hykkonen wrote:

> On Mon, 4 Oct 1999, GPersons wrote:
>
> > Unfortunately, they are not consistent in what can and can be used. A
> > computer with a whirling CDROM drive is OK but an audio CD player
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> first class), and while awaiting the other passengers to board a
> flight attendant asked everyone seated in my general vicinity (2 or 3
> rows in front of me and the same number behind, on my side of the
> cabin), including myself if they had a GPS receiver. Has anyone else
> had this experience?
>
> --
> Pat Hykkonen, N5NPL

> pat@hykkonen.net
>
>
>
>
> ---
> You are currently subscribed to htaprs as: dan@ncweb.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
Just to add to the conversation , i was using a GPS receiver on a flight
from Cleve. to Albany, NY annd the attendent ask what it was, I told her
and she ask the pilot he said he would allow its use but I had to shut it
down upon aproach, I can't see what possible emission could cause a problem
but I obliged and it was very cool seeing our speed and identifying what we
were flying over..

BTW look for me next mont @ 10,000 feet in Ohio in a
Hot air Balloon flying over southern Ohio I will have my D-7 with my GPS
III and FM 2 meters on 144.34 voice, also an ATV transmitter on 439.25.
 I will let the list know when we schedule the Flight. Mt Balloon Name is *SKY-TECH* ..

I will allow GPS receivers on this flight :)

Dan
N8NBC

____
              Dan & Diane Greathouse
Dan's Deals --- Your connection for Used * AMIGA * Gear
          http://www.ncweb.com:80/biz/dan
                 N8NBC & KC8EAM

       See you at:
   Amiga Extravaganza 99
Sat & Sunday Oct, 9th & 10th
http://www.midlink.com/amiga/

           and

The Gateway Computer Show
 April 7-9th, 2000
http://www.amiga-stl.com

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36. [htaprs] Re: GPS on airplanes

From: "Darryl Smith" <vk2tds@ozemail.com.au>
Date: Tue, 5 Oct 1999 21:41:16 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43400-1999.10.05-07.29.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had no problem using a GPS on my flight to New Zealand in June... I had a
window seat, and do did everyone in the 767... It was that empty... 814 km/h
is still the maximum speed I have been with the GPS. QANTAS have a moving
map display on video screens periodically, and I can confirm they were
correct.. basically...

I got game enough to connect the serial cable between the laptop and the
GPS... And if they had asked me, I had a copy of the BOEING service note on
using GPS recievers and other pieces of equipment on board planes. If BOEING
says that it is OK, then the cabin attendant will have a difficult time
convincing me otherwise...

To be specific, BOEING recommend that passengers are permitted to use any
equipment which is not an intentional transmitter of radio signals, except
during taxi, takeoff, climbout, decent and landing. Dated 23-Jan-1997 the
document appears to imply that the equipment MUST comply with Part 15 to be
permitted to be used on a plane. It states that these devices should be
permitted unless the operator of the plane had determined that the device
cannot be operated.

In order for such equipment to be used the operator must have established
procedures to terminate the operation of devices suspected of interfering
with aircraft systems. The document also goes on to state that where there

is alleged interference ALL details including serial numbers and models
should be taken down and forwarded to BOEING.

I cannot remember where I got the documents, but they are scanned at about
100-150 dpi. If there is enough call I will get someone to put them on a WWW
page somewhere...

Darryl

Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]

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37. [htaprs] Re: GPS on airplanes

From: "Jeff Tong" <brcomm@imt.net>
Date: Tue, 5 Oct 1999 08:44:15 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43420-1999.10.05-09.57.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This thread got my curiosity up, so I took an OLD motorola TRAXXAR GPS and
my communications test set to see if the darn thing radiated any R.F.
energy. Sure enough, there were several spots in the spectrum where the R.F.
emmissions were strong enough to be seen by the test set from several feet
away. They were mostly in the 400 MHZ range.
By the time I had swept down to the aircraft band and below my computers
jammed most of the spectrum with nice sin x over x combs and made sniffing
pretty useless. I want to check a couple of friends newer GPS's with my
computer network powered down to see, but it does appear that there are R.F.
products emitted from GPS recievers. I can say that the computers pollute
the spectrum to a much larger extent.

Aside from the purely technical possibility of EMI from GPS's and other
electronic devices jamming avionics, there is Pilot comfort.
If the "Pilot In Command" doesn't want consumer electronic equipment active
on HIS aircraft, then so be it. Even the most ardent tech head should have
the self discipline to comply with the wishes of the man who literally has
control over his life and limb.

NUFF SAID

JEFF
AA7GK

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38. [htaprs] GPS on airplanes

From: "Hufford, Kent V Mr IMCEN" <Kent.Hufford@HQDA.Army.Mil>
Date: Tue, 5 Oct 1999 11:05:08 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43447-1999.10.05-10.16.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Concerns Grow About Passengers' Electronics "

Aviation Week & Space Technology - NOV 1996

Little being done to track the threat of interference with aircraft systems
from new consumer devices, RTCA (a industry/government technical body) says.
The proliferation of portable electronics devices among passengers--and
rapid advances in the technology used--makes interference with aircraft
electronics increasingly possible in the not too distant future, an RTCA
report to the FAA administrator warns.
Although the probability of interference is now low, the federal advisory
group is concerned that more and more carry-on electronics include
transmitters, and there is no group testing or systematical tracking of
their effect on avionics. Moreover, the RTCA report says, the flying public
is not educated about the danger, and the airlines are being left largely to
themselves to figure out how to deal with the threat.

Even today, any possibility of interference during takeoff and landing poses an unacceptable risk, so the report recommends prohibiting use of portable electronic devices during those phases of flight. Most airlines already prohibit the use of portable electronic devices below 10,000 ft.

There are greater concerns for the future, however. Rapid advances in personal communications technology make it increasingly possible that passengers inadvertently or surreptitiously will use electronic devices that are capable of producing significant levels of electromagnetic radiation. Among the devices of concern that are just now being introduced into the consumer market are personal satellite communicators, computers with built-in cellular phones for data communication and two-way pagers. An insidious threat from some of these devices is that the general public may not even think of them as transmitters.

Since the proliferation of these devices could add a new dimension to electromagnetic interference hazards, devices should be developed for installation in the passenger cabin to detect low levels of electromagnetic radiation emanating from within the aircraft, the report says.

In response to an FAA request, RTCA Special Committee 177 was formed in late 1992 to investigate the causes of interference from electronics carried on board aircraft by passengers. RTCA--short for the Radio Technical Commission for Aeronautics, as it was known until late 1991--is now the official title for the federal advisory group. An earlier RTCA investigation into interference from portable electronics published a report in 1988 (AW&ST Mar 8, 1993, p. 32).

The Global Positioning System (GPS) was a particular concern of the latest special committee because of its emerging importance in all phases of flight. GPS operates at a very low level of received power, which could make it more susceptible than other systems to radio frequency interference (RFI). The spread-spectrum waveform employed by GPS does offer a degree of protection, according to the report. Nevertheless, RFI of sufficient strength can degrade performance and even lead to loss of signal lock on one or more satellites and reduced navigation performance.

All avionics systems are susceptible to interference from high levels of electromagnetic radiation, but some more than others. The antennas of radio-based avionics may be affected by field intensities of only microvolts per meter. But being outside the aircraft, the antennas get some protective attenuation from the fuselage of radiation originating inside the aircraft. Non-radio systems generally have higher signal levels, and so are less susceptible to low levels of interference.

The RTCA committee sent a letter to the international aviation community in July, 1993, seeking reports of suspected passenger electronics' interference with aircraft systems. Only 33 reports were received, of which four either reported no interference or lacked details.

Laptop computers were the most frequently suspected sources of electromagnetic interference, followed by electronic games, interfering VOR navigation in the majority of cases. When data were combined with data from an earlier RTCA study, NASA's Aviation Safety Reporting System and the International Air Transport Assn., VOR was affected 81% of the times (111 out of 137 incidents).

In the U.S., Federal Communications Commission (FCC) regulations prohibit the operation of cellular telephones in any aircraft while airborne. The aeronautical public phones installed in many aircraft, although similar in operation, are not cellular phones and can be legally operated while airborne. Currently the FAA does not prohibit the use of cellular phones in aircraft on the ground, unless the airline has determined they will cause interference with the aircraft's communication or navigation system.

The RTCA report criticized the FAA for failing to accept any responsibility for determining the acceptability of portable electronic devices and placing it squarely on the airlines. Under the Federal Aviation Regulations, Section 91.21, operation of electronic devices on air carriers is not permitted with the exception of voice recorders, hearing aids, heart pacemakers, shavers--and most contentiously any other device that the operator of the aircraft has determined will not cause interference with the navigation or communication system of its aircraft. Compact consumer electronic devices have proliferated in numbers that defy cataloguing, let alone testing. Many of the devices are manufactured outside the U.S. and may not comply with even relatively simple FCC regulations.

The International Civil Aviation Organization does not have any regulations pertaining to portable electronics. Instead the agency gives some guidance for passenger briefings, but tasks operators to develop their own instructions, because "the range of possibilities is such that it is impracticable to give guidance here."

The RTCA report recommends that FAR 91.21 be modified so that the use of portable electronics is prohibited in aircraft during any critical phase of flight. Use of any device with the capability to intentionally transmit electromagnetic energy should be prohibited in aircraft at all times unless testing has been conducted to ascertain its safe use, the report says.

The FAA, airline industry, consumer electronics and aircraft manufacturers should expand investigation of devices for their potential to interfere with aircraft systems. This effort should include existing and new technology devices such as satellite communications, embedded communications devices and two-way pagers, the RTCA also says.

Further, the committee recommends the FAA initiate a campaign to educate the flying public about the potential interference hazards from electronics, especially those devices designed as intentional radiators.

-----Original Message-----
From: bounce-htaprs-3650@lists.tapr.org
[mailto:bounce-htaprs-3650@lists.tapr.org]On Behalf Of Jeff Tong
Sent: Tuesday, October 05, 1999 10:44 AM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: GPS on airplanes

This thread got my curiosity up, so I took an OLD motorola TRAXXAR GPS and my communications test set to see if the darn thing radiated any R.F. energy. Sure enough, there were several spots in the spectrum where the R.F. emmissions were strong enough to be seen by the test set from several feet away. They were mostly in the 400 MHZ range.
By the time I had swept down to the aircraft band and below my computers jammed most of the spectrum with nice sin x over x combs and made sniffing pretty useless. I want to check a couple of friends newer GPS's with my computer network powered down to see, but it does appear that there are R.F. products emitted from GPS recievers. I can say that the computers pollute the spectrum to a much larger extent.

Aside from the purely technical possibility of EMI from GPS's and other electronic devices jamming avionics, there is Pilot comfort.
If the "Pilot In Command" doesn't want consumer electronic equipment active on HIS aircraft, then so be it. Even the most ardent tech head should have the self discipline to comply with the wishes of the man who literally has control over his life and limb.

NUFF SAID

JEFF
AA7GK

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39. [htaprs] gps on aircraft

From: GPersons <railfan@flash.net>
Date: Sun, 03 Oct 1999 10:28:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43451-1999.10.05-10.43.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

<<<<Aside from the purely technical possibility of EMI from GPS's and other electronic devices jamming avionics, there is Pilot comfort.
If the "Pilot In Command" doesn't want consumer electronic equipment active on HIS aircraft, then so be it. Even the most ardent tech head should have the self discipline to comply with the wishes of the man who literally has control over his life and limb.

NUFF SAID>>>>

Well put. We should all be aware that the device we use can cause disruption in the navigation and radio systems of aircraft. Please use a little common sense.

73

gary

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40. [htaprs] Setting up Wisp

From: GPersons <railfan@flash.net>
Date: Tue, 05 Oct 1999 13:41:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43496-1999.10.05-13.52.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anybody out there know the TNC commands that are needed for the THD7
to be configured while using wisp?

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41. [htaprs] New e-mail address

From: "ELLIOTT, BRUCE" <BRUCE.ELLIOTT@TCCD.NET>
Date: Tue, 5 Oct 1999 13:54:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "ELLIOTT, BRUCE" <BRUCE.ELLIOTT@TCCD.NET>
Message-ID: <LYR845-43500-1999.10.05-14.12.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please be aware that my TCC email address has changed. The new address is:

bruce.elliott@tccd.net

I assume (but have not figured out how yet) that I will be able to get mail
at the old address for a while, but all new mail should be directed to the
new address.

Thanks

Bruce Elliott
TCC - NW
(817) 515-7752

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42. [htaprs] RE: My New TH-D7

From: "Michael Jones" <mjones@hughes.net>
Date: Tue, 5 Oct 1999 14:05:35 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43518-1999.10.05-16.17.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to everyone that responded with help on how to get my new radio to
actually transmit position without my GPS connected. Unfortunately, even
though everyone had the 'right' answer, it still didn't work. So, since I
didn't get any new information about some odd, obscure, bizzarro menu-item I
did a reset of the radio. It now works perfectly...

Thanks again,
Mike
KF6SWI

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43. [htaprs] RE: GPS On Aircraft

From: "Darryl Smith" <vk2tds@ozemail.com.au>
Date: Wed, 6 Oct 1999 21:20:42 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43622-1999.10.06-07.31.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day

There is an interesting message on the Telecom Digest today, or is it
tomorrow for you guys in the USA... The message is titled 'Cell-Phone Use
Aloft May Not Be Danger That Airlines Claim (Mike Pollock)'... Basically it
says that cellphones are safe on aircraft :-)... Have a read of it.... The
issue was
        TELECOM Digest   Tue, 5 Oct 99 19:58:00 EDT   Volume 19 : Issue 457

URL information: http://telecom-digest.org
Anonymous FTP: hyperarchive.lcs.mit.edu/telecom-archives/archives
  (or use our mirror site: ftp.epix.net/pub/telecom-archives)

Darryl

Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]

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44. [htaprs] RE: GPS On Aircraft

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Wed, 6 Oct 1999 06:57:36 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43627-1999.10.06-09.09.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't know about commercial aircraft, but a few years ago when
flying a Cessna 182 from Las Vegas to Phoenix, the airplane's owner
brought out his new Motorola cellular phone and as soon as he turned
it on the auto pilot went crazy and had to be turned off until he was
finished making his call.

We still need to be very careful when introducing RF into an
environment with sensitive avionics.

At 21:20 +1000 10/6/99, Darryl Smith wrote:
>G'Day
>
>There is an interesting message on the Telecom Digest today, or is it
>tomorrow for you guys in the USA... The message is titled 'Cell-Phone Use
>Aloft May Not Be Danger That Airlines Claim (Mike Pollock)'... Basically it
>says that cellphones are safe on aircraft :-)... Have a read of it.... The
>issue was
>   TELECOM Digest   Tue, 5 Oct 99 19:58:00 EDT   Volume 19 : Issue 457
>
>
>URL information: http://telecom-digest.org
>Anonymous FTP: hyperarchive.lcs.mit.edu/telecom-archives/archives
> (or use our mirror site: ftp.epix.net/pub/telecom-archives)
>
>Darryl
>---------
>Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
>Mobile Number 0412 929 634 [+61 4 12 929 634 International]
>
>
>---
>You are currently subscribed to htaprs as: n7aac@aztenx.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

~~~~~~
Clark Lowry N7AAC   N7AAC@aztenx.org
Founding Member: Spook Hill Amateur Radio Club (SHARC)
Founding Member: Arizona Desert 10-10 Chapter #06F
                           10-10 International #68954
10226 E. Iris Rd.   Yaesu FT-920 W/100-600 Watts HF+6m
Mesa, Maricopa County   ICOM IC-706, IC-2350, IC-W32A, IC-T21A,
Arizona, 85207 DM43   Kenwood TM-V7 Remote base, TH-D7A Tracker
                           72 ft tower, 4-element RAIBEAM on 10m
480-354-9300   2-element Raibeam on 20m
602-619-5007 Cell   7-element Force 12 on 6m, 26B2 on 2m,
800.880.3896 Toll Free   AN-99 on 10m Half Square on 6m
~~~~~~

602-530-2400 Fax   Lazy "Z" Windom for 80 thru 6 meters

Check out our Web site at http://www.aztenx.org Sign our guestbook
~~~~~~

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45. [htaprs] GPS on airplanes

From: Norman Huber <nihuber@ice.net>
Date: Wed, 06 Oct 1999 09:49:17 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43633-1999.10.06-10.03.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Let's just remember, we use scientific method, not hearsay. I work at a
nuclear power plant and we just received an advisory because a vendor
was walking around one of the plants with his cell phone on his belt. He
was in a "NO RF DEVICE ZONES" and some plant equipment operated
unexpectedly. He (as most people) was unaware that his phone was
communicating with the local cell even though it was in standby.
Hopefully those in the design side will be looking into building RF
shielding and mitigation into things so this does not become a bigger
problem. We have one of the popular 146.76 repeaters in our area which I
removed from scan due to the birdies every time I get near a gas pump or
area with electrical equipment. Have you worn your HT into a market and
tried to squelch out the noise near the registers?
The real problem appears to be bottom line mentality which leaves off 2
cents worth of shielding on the premise that "we'll just use more
power."
The other problem is probably the variation of equipment on the market.
The broadcast radio I had on my motorcycle worked fine with both 146/440
radios I had. I replaced it and now I wipe it out every time I transmit.
Obviously it has a great sensitivity to the 2 m band since I'm now
running 5 w out of a D7A instead of 50 w out of the Alinco mobile.

--
Norm - N9ZKS
Bicyclist, Motorcyclist, Ham , Scouter
Year2000 Compliant

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46. [htaprs] RE: GPS On Aircraft

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 6 Oct 1999 11:35:31 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-43639-1999.10.06-11.04.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> There is an interesting message on the Telecom Digest today, or is it
> tomorrow for you guys in the USA... The message is titled 'Cell-Phone Use
> Aloft May Not Be Danger That Airlines Claim (Mike Pollock)'... ... it
> says that cellphones are safe on aircraft :-)

Another missinformed reporter :-)... Its not the FAA necessarily, but the
FCC that bans Cellular phones on Aircraft.

ONE SINGLE cell phone at 35,000 feet will interfeere with *hundreds* of
cells over thousands of square miiles. Virtually blocking out one
frequency in EVERY cell within range. The cellular system can support
millions of users only because each phone only radiates a few miles to the
nearest cell. Thus the frequency is re-used every 2 or 3 cells.
Cell phones in airplanes literally distroys the network...

Bob

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~~~~~~

47. [htaprs] RE: GPS on airplanes

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 6 Oct 1999 11:05:40 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43641-1999.10.06-11.17.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Turn your toys off and enjoy the ride. Better yet take a train! Some of
them have power outlets and big windows to attach your antennas from.

 Think about all the lawyers you will make rich if your equipment causes a
crash.

  Dwight

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48. [htaprs] Garmin GPS III +

From: "Steven J Adams" <adamss@datasys.net>
Date: Wed, 6 Oct 1999 12:1:6
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43649-1999.10.06-12.12.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Garmin has came out with a new upgrade for the 3+. It gets rid of most of
the annoying warnings when running the TH-D7A in RTMC/NMEA mode. You only
get one warning notice when turning the D7 on. After that, you can turn the
D7 off and on without receiving anymore warnings.

The new version also allows you to select waypoints by distance from you.

You can get all the details (and a better desription than I provided)at
http://www.garmin.com/support/software.html

I am running this version now and it seems to work just fine.

KF4NAT
Steve Adams

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Re: Garmin GPS III +

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Wed, 6 Oct 1999 12:05:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43651-1999.10.06-12.18.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Garmin has came out with a new upgrade for the 3+. It gets rid of most of
> the annoying warnings when running the TH-D7A in RTMC/NMEA mode. You only
> get one warning notice when turning the D7 on. After that, you can turn
the
> D7 off and on without receiving anymore warnings.

I'd love to be able to turn off the "poor coverage" and "approaching XXX"
panic messages. Maybe next release :)

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Re: Garmin GPS III +

From: Phillip Clark <pbclark1@attglobal.net>
Date: Wed, 06 Oct 1999 12:54:10 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-43675-1999.10.06-15.06.50--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Is the new version 2.03?? I've seen some comments about this version causing
some trash to appear on the screen under certain conditions. I have been
reluctant to upgrade to 2.03 because of this. Anyone else know anything about
this possible problem??
                                                                    Phil

Steven J Adams wrote:

> Garmin has came out with a new upgrade for the 3+. It gets rid of most of
> the annoying warnings when running the TH-D7A in RTMC/NMEA mode. You only
> get one warning notice when turning the D7 on. After that, you can turn the
> D7 off and on without receiving anymore warnings.
>
> The new version also allows you to select waypoints by distance from you.
>
> You can get all the details (and a better desription than I provided)at
> http://www.garmin.com/support/software.html
>
> I am running this version now and it seems to work just fine.
>
> KF4NAT
> Steve Adams
>
> ---
> You are currently subscribed to htaprs as: pbclark1@ibm.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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51. [htaprs] Re: htaprs digest: October 05, 1999

From: Ray Vaughan <ray@rayvaughan.com>
Date: Wed, 06 Oct 1999 17:15:40 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43678-1999.10.06-16.23.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Subject: GPS on airplanes
>From: "Hufford, Kent V Mr IMCEN" <Kent.Hufford@HQDA.Army.Mil>
>Date: Tue, 5 Oct 1999 11:05:08 -0400
>X-Message-Number: 7
>
>"Concerns Grow About Passengers' Electronics "
>
>Aviation Week & Space Technology - NOV 1996
>
>Little being done to track the threat of interference with aircraft systems
>from new consumer devices, RTCA (a industry/government technical body) says.
>The proliferation of portable electronics devices among passengers--and
>rapid advances in the technology used--makes interference with aircraft
>electronics increasingly possible in the not too distant future, an RTCA
>report to the FAA administrator warns.

Well... it's a few years later and it may be that the FAA needs to back
down a bit...

http://www.msnbc.com/news/319546.asp?cp1=1

"Cell-phone use aloft may not be the danger that airlines claim"

" A 1996 study commissioned by the U.S. Federal Aviation Administration
looked at thousands of flight records and failed to find a single instance
in which equipment was affected by a wireless phone. The study was
conducted by RTCA Inc., a nonprofit organization that sets industry
standards for airplane electronics.
Plane makers Boeing Co. and Airbus Industrie have bombarded their aircraft
with cell-phone frequencies and discovered no interference with
communication, navigation or other systems. One likely reason that no
problems were found: cellular phones don□t operate on any of the
frequencies used by airplane systems. "

There's a lot more there to read. One gets the impression the airlines
want us to think we're breaking the law and use the plane as an excuse.
The use of cellphones I can understand... but not for the reason the
airlines give. One cell phone at 10,000' can tie up thousands of cell site
channels. But how about one of the new satellite phones? GPSs? Ham

radios?

We may have turned a corner here. The cat's out of the bag and we now know
we've been lied to.

Ray J. Vaughan, MS, CBTE
KD4BBM
ray@rayvaughan.com
http://www.rayvaughan.com/

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52. [htaprs] Airmobile Tomorrow!!!

From: Dave Kaplan <dkaplan@steffeninc.com>
Date: Wed, 06 Oct 1999 16:55:43 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43685-1999.10.06-17.08.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Running D7 airmobile tomorrow with the following route:

Sioux City, IA to Memphis
Memphis to Vero Beach, FL

returning late late late Friday night

Vero Beach to Memphis
Memphis to Toledo
Toledo to Sioux City

Looking for any QSO's using my D7 as long as the batteries last.

WB0WNX-7

Dave

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53. [htaprs] Question on the use of dash numbers

From: "Stan Slonkosky" <ke6zc@earthlink.net>
Date: Wed, 6 Oct 1999 16:50:01 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43695-1999.10.06-19.02.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are there conventions on the use of dash numbers with call signs with APRS?

I see that the closest APRS station to me is NW6H (with no dashes). It's in
a residential neighborhood, so I presume that's his house. (It's only about
a mile north of me, but I didn't go up there to check it out.) NW6H-10 is a
digipeater on Mt. Wilson.

Is -10 commonly used for digipeaters?

Are certain dash numbers commonly used for mobile in a vehicle and certain
others used for mobile on foot? Is there any rhyme or reason to the choice
of particular dash numbers or not?

Stan Slonkosky
KE6ZC

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54. [htaprs] Re: Question on the use of dash numbers

From: "Michael Jones" <mjones@hughes.net>
Date: Wed, 6 Oct 1999 17:40:05 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43703-1999.10.06-19.47.46--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I've been wondering this myself. There doesn't seem to be any rhyme or
reason to any of it, but maybe there is and I haven't noticed it.

----- Original Message -----
From: Stan Slonkosky <ke6zc@earthlink.net>
> Are there conventions on the use of dash numbers with call signs with
APRS?
>
> I see that the closest APRS station to me is NW6H (with no dashes). It's
in
> a residential neighborhood, so I presume that's his house. (It's only
about
> a mile north of me, but I didn't go up there to check it out.) NW6H-10 is
a
> digipeater on Mt. Wilson.
>
> Is -10 commonly used for digipeaters?
>
> Are certain dash numbers commonly used for mobile in a vehicle and certain
> others used for mobile on foot? Is there any rhyme or reason to the choice
> of particular dash numbers or not?
>
>
> Stan Slonkosky
> KE6ZC

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55. [htaprs] Re: Question on the use of dash numbers

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 6 Oct 1999 23:09:25 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-43732-1999.10.06-22.21.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 6 Oct 1999, Stan Slonkosky wrote:

> Are there conventions on the use of dash numbers with call signs...?
>
> Is -10 commonly used for digipeaters?

I prefer avoiding the double digit SSIDs if it makes any difference
because it makes the callsign one character shorter. This helps reduce
the callsign clutter on APRSdos maps (DOS has rather large characters)...

Its a very minor point, but it is noticible...

de WB4APR

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56. [htaprs] GPS & Airplanes

From: "Robert Michaud" <r.michaud@glumac-sf.com>
Date: Wed, 6 Oct 1999 22:53:18
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43741-1999.10.06-23.05.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check out the following article:
"Is it Safe to use a handheld GPS Receiver on a Commercial Aircraft?"
at
http://www.joe.mehaffey.com/gpsrfi.htm

There is also a list of airlines which approve and
do not approve the use of GPS receivers on board.

Robert, KD6INI

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57. [htaprs] Toys, Boys, tickets, and GPS

From: "Hufford, Kent V Mr IMCEN" <Kent.Hufford@HQDA.Army.Mil>
Date: Thu, 7 Oct 1999 07:54:58 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43761-1999.10.07-07.06.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was a member of the RTCA 156 committee, the first one to look at passenger carried on devices, in 1986, we had no motives to 'lie'. At the time, the "big" issue was the TANDY 100 used by the PRESS. We used the FAA's 727 at the FAA Technical Center, Atlantic City for tests. After a year of hard work, with many airlines, airplane manufactures, computer manufactures (cept TANDY), we came up with more questions than answers. Our recommendation then to the FAA was to treat "carried on passenger electronic devices" as hand carried baggage. That is, they MUST be stowed for takeoffs and landings and not used below 10,000 feet. Then if the OPERATOR (that is for an air carrier, the AIRLINE, NOT the PILOT) wants allow operation, the crew might have a chance to find a source of EMI while airborne, and not while heading for the ground. If you have EMI at a repeater site, you at least are not moving forward at 400knts and downward at 2000fpm, when looking for the source.

During the 1996 RTCA study, I was an interested party, but with no axe to grind. They again tried hard. The focus was of course was not TANDY 100s. Again, in the end, they came away with the FAA Advisory Circular (AC)that talks about the AIR CARRIER OPERATOR and the 10,000 ft rule, now called "clean cockpit". The FAA, did not care much about the cell phone issue, but the FCC laid in.

This "debate" seems to continue when because someone has a plane ticket, they think they should be allowed to use every toy in their briefcase. The Airlines have been trying to cooperate to some extent.

Working this issue for over 15 years, in the end, the 10,000 foot rule should be observed, and enforced.

Kent
KQ4KK (with lots of toys for big boys, FCC Ham/commercial licensees, and lots of FAA licensees)
khufford@erols.com

-----Original Message-----
From: bounce-htaprs-3650@lists.tapr.org
[mailto:bounce-htaprs-3650@lists.tapr.org]On Behalf Of Ray Vaughan
Sent: Wednesday, October 06, 1999 5:16 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: htaprs digest: October 05, 1999

>Subject: GPS on airplanes
>From: "Hufford, Kent V Mr IMCEN" <Kent.Hufford@HQDA.Army.Mil>
>Date: Tue, 5 Oct 1999 11:05:08 -0400
>X-Message-Number: 7
>
>"Concerns Grow About Passengers' Electronics "
>
>Aviation Week & Space Technology - NOV 1996
>
>Little being done to track the threat of interference with aircraft systems
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>The proliferation of portable electronics devices among passengers--and
>rapid advances in the technology used--makes interference with aircraft
>electronics increasingly possible in the not too distant future, an RTCA
>report to the FAA administrator warns.

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standards for airplane electronics.
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communication, navigation or other systems. One likely reason that no
problems were found: cellular phones don't operate on any of the
frequencies used by airplane systems. "

There's a lot more there to read. One gets the impression the airlines
want us to think we're breaking the law and use the plane as an excuse.
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airlines give. One cell phone at 10,000' can tie up thousands of cell site
channels. But how about one of the new satellite phones? GPSs? Ham
radios?

We may have turned a corner here. The cat's out of the bag and we now know
we've been lied to.

Ray J. Vaughan, MS, CBTE
KD4BBM
ray@rayvaughan.com
http://www.rayvaughan.com/

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58. [htaprs] Re: Question on the use of dash numbers

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Thu, 07 Oct 1999 10:05:57 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-43772-1999.10.07-10.17.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Stan,

I think you are asking WHY use the dash numbers,
or better know as SSID's on your call sign.. IMHO
the answer is yes as it selects the ICON that
shows up on our APRS screens.. I think there use
to be only the SSID's that controlled this, but
that all has changed with a greater list of
Icons.. The help files will walk you through this,
and I don't have all the info or expertiese to go
into it.. Good luck to you and keep reading this
list for all the good stuff on APRS, 73

Robbie

Stan Slonkosky wrote:
>
> Are there conventions on the use of dash numbers with call signs with APRS?
>
> I see that the closest APRS station to me is NW6H (with no dashes). It's in
> a residential neighborhood, so I presume that's his house. (It's only about
> a mile north of me, but I didn't go up there to check it out.) NW6H-10 is a
> digipeater on Mt. Wilson.
>
> Is -10 commonly used for digipeaters?
>
> Are certain dash numbers commonly used for mobile in a vehicle and certain
> others used for mobile on foot? Is there any rhyme or reason to the choice
> of particular dash numbers or not?
>
> Stan Slonkosky
> KE6ZC
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

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59. [htaprs] Re: Question on the use of dash numbers

From: Dewey Bryant <kd4ehc@bellsouth.net>
Date: Thu, 07 Oct 1999 12:50:09 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43801-1999.10.07-12.00.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Many D7 owner use -7 on the HT.

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60. [htaprs] Altitude

From: "Michael Jones" <mjones@hughes.net>
Date: Thu, 7 Oct 1999 14:01:48 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43829-1999.10.07-16.09.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there any way for me to have my TH-D7 report the current altitude from my
Garmin GPS-3+ or soon to arrive GPS-35?

Mike
KF6SWI

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61. [htaprs] Re: Question on the use of dash numbers

From: Jon Ogden <jono@enteract.com>
Date: Thu, 7 Oct 99 16:18:28 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43831-1999.10.07-16.29.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Stan Slonkosky wrote:

>Are there conventions on the use of dash numbers with call signs with APRS?

The bottom line is YES and NO!

Confused?

OK, I am sure you are.

Originally SSIDs determined what sort of Icon showed up on a users APRS
screen. A -1 was an ambulance, -12 was a Jeep (if I remember correctly),
and so forth. All users transmitted via an unproto path of APRS, APRSM,
or APRSW (M=Mac, W=Windoze). Since those olden days of yesteryear, a new
way of icon identification was developed. This gave users much more
leeway in selecting their icons. The new un proto path is of the format
of something like GPSLJ. This means you are using a GPS and that you
want the Jeep icon as your identifier on the computer screen. There are
a TON of different combinations that can be used in this manner (676
combinations to be exact although there aren't that many icons!). There
are only 15 SSIDs.

Now, if you have a tracker and your SSID is -12 and your path is APRSM or
whatever, you WILL still show up as a Jeep. However, if your SSID is -1
and your path is GPSLJ, you will also show up as a Jeep. So there are
two standards as the software authors built in backward compatibility.

As time goes on the newer was of specifying the icon in the unproto path
will be more and more popular and the old way will eventually die out.

Does that help?

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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62. [htaprs] Re: Question on the use of dash numbers

From: G7GUO@aol.com
Date: Thu, 7 Oct 1999 18:04:10 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43835-1999.10.07-17.16.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On my TH-D7e I have selected the jogger icon. On UI-VIEW It shows the home
icon!? Why? How can I make it show the correct Icon?
73, Simon.

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63. [htaprs] Re: GPS on airplanes

From: "Harry Burford" <hburford@airmail.net>
Date: Thu, 7 Oct 1999 23:38:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44012-1999.10.07-23.50.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Since we are trading stories of RF interference...
A local ham here has a Ford SUV and a dual bander. When he transmits on 2M,
his rear window wiper runs. He has already heard all the one liners about
it. It was fixed by moving the antenna position on the roof and running low
power as much as possible.

Harry, KAØTTY

----- Original Message -----
From: Norman Huber <nihuber@ice.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Wednesday, October 06, 1999 9:49 AM
Subject: [htaprs] GPS on airplanes

Let's just remember, we use scientific method, not hearsay. I work at a
nuclear power plant and we just received an advisory because a vendor
was walking around one of the plants with his cell phone on his belt. He
was in a "NO RF DEVICE ZONES" and some plant equipment operated
unexpectedly. He (as most people) was unaware that his phone was
communicating with the local cell even though it was in standby.
Hopefully those in the design side will be looking into building RF
shielding and mitigation into things so this does not become a bigger
problem. We have one of the popular 146.76 repeaters in our area which I
removed from scan due to the birdies every time I get near a gas pump or
area with electrical equipment. Have you worn your HT into a market and
tried to squelch out the noise near the registers?
The real problem appears to be bottom line mentality which leaves off 2
cents worth of shielding on the premise that "we'll just use more

power."
The other problem is probably the variation of equipment on the market.
The broadcast radio I had on my motorcycle worked fine with both 146/440
radios I had. I replaced it and now I wipe it out every time I transmit.
Obviously it has a great sensitivity to the 2 m band since I'm now
running 5 w out of a D7A instead of 50 w out of the Alinco mobile.

--
Norm - N9ZKS
Bicyclist, Motorcyclist, Ham , Scouter
Year2000 Compliant

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] Re: GPS on airplanes

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Fri, 8 Oct 1999 00:14:05 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44023-1999.10.08-00.26.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Since we are trading stories of RF interference...
> A local ham here has a Ford SUV and a dual bander. When he transmits on
2M,
> his rear window wiper runs. He has already heard all the one liners about
> it. It was fixed by moving the antenna position on the roof and running
low
> power as much as possible.

My explorer and escort both do the same thing.
The ex also has a fuel pump that transmits on 146.73, which is where my
favorite repeater is... The APRS system glitches the cruise control, so I
can always tell when it's working since the car slows down whenever it
transmits.

Same solution, Move the antenna. I didn't have to go QRP.

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65. [htaprs] TH-D7 Winaprs Attached To PC

From: Ny3j@aol.com
Date: Fri, 8 Oct 1999 08:09:40 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44039-1999.10.08-07.21.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

Trying to get a TH-D7 working with Winaprs. I have it working as a
stand-alone tracker. I am wondering if it can be interfaced to a pc using
Winaprs with a gps attached.

Is there a web site dedicated to TH-D7 with recommendations on setting it up.
 Or is there an FAQ section somewhere with lots of tips on using the TH-D7.

Thanks,

Ron ny3j@aol.com

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66. [htaprs] Re: GPS on airplanes

From: Jon Ogden <jono@enteract.com>
Date: Fri, 8 Oct 99 11:35:56 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44064-1999.10.08-11.46.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Harry Burford wrote:

>Since we are trading stories of RF interference...
>A local ham here has a Ford SUV and a dual bander. When he transmits on 2M,
>his rear window wiper runs. He has already heard all the one liners about
>it. It was fixed by moving the antenna position on the roof and running low
>power as much as possible.

Has this on my 93 Grand Cherokee when I used my HF rig at 100 Wats. I
just ignored it!

On my 98 Grand Cherokee, this problem got fixed!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] Re: TH-D7 Winaprs Attached To PC

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 8 Oct 1999 12:41:52 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44071-1999.10.08-12.53.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Trying to get a TH-D7 working with Winaprs.

>Is there a web site dedicated to TH-D7 with recommendations on setting it up.
> Or is there an FAQ section somewhere with lots of tips on using the TH-D7.

The WIN/MAC APRS software already has a Kenwood TNC selection.

The only hard part, as I found out at DCC, was to push the D7A's TNC button
a second time to put it into PACKET mode.

The GPS can be connected to the computer via a second serial port or
to the D7A GPS port.

Just check the box to tell APRS there is GPS data on the VHF packet port
if you have the GPS to the D7a.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Re: Altitude

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 8 Oct 1999 12:47:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44072-1999.10.08-12.58.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Is there any way for me to have my TH-D7 report the current altitude from my
>Garmin GPS-3+ or soon to arrive GPS-35?

Not with the current D7a software.

For a work around try this:
Put altitude in manually in the status field

your D7a will send:

KC5EJK-7>SRUP9S,RELAY*,WIDE:`|J7l [/>/A=000543ft

and others will see this:

KC5EJK-7>APRS,TCPIP,N0ELS*:@080612z3250.91N/09646.26W[000/000/Mic-E/M0/Off duty>/A=000543ft

The APRS software won't do anything special with the data but someone looking at it
will know.

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

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69. [htaprs] VHF/GPS antennas?

From: "Andy" <andy@transport.com>
Date: Fri, 8 Oct 1999 18:31:02 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44099-1999.10.08-20.42.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was talking with a representative of one of the major antenna
manufacturers today and noticed they have dual band UHF/GPS and 800 MHz/GPS
antennas. I asked them if they thought about making one for VHF/GPS, and
they said they have considered it if there was a need for one they would
make one. I then explained APRS basically to them and they said to ask
around if such an antenna was desired they could probably make one. So my
question to all of you is: Is anyone interested in such an item and would
they prefer permanent mount or magnetic mount or both. It would be a low
profile antenna, probably unity gain. Anyway let me know on the sigs or
private email. Please pass this idea along to anyone else that is not on
these lists as well
Thanks
Jeremy
N7RYY
andy@transport.com

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70. [htaprs] Re: your email message

From: GPersons <railfan@flash.net>
Date: Fri, 08 Oct 1999 22:45:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44109-1999.10.08-22.57.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> GPS and VHF antenna
> Please don't send the emails to me. I merely forwarded the message.Send
> them to:
> andy@transport.com
> He is the guy with the contacts. I am merely a messenger.
> 73
> Gary

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71. [htaprs] European aprs QRG

From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
Date: Sat, 9 Oct 1999 13:48:35 +0200 (CEST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44138-1999.10.09-05.57.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi group

Here's part2 of my report on the european aprs qrg:

in west en central eu we use 144.8000 and in the scandinavian country's
it's 144.8125.

I don't know when we will qsy but its comming :)

73 de Andre PE1RDW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] Re: [aprssig] European aprs QRG

From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
Date: Sat, 9 Oct 1999 15:11:19 +0200 (CEST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org, APRSNL@onelist.com
Message-ID: <LYR845-44145-1999.10.09-07.19.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 9 Oct 1999, PE1RDW (Andre) wrote:

> Hi group
>
> Here's part2 of my report on the european aprs qrg:
>
> in west en central eu we use 144.8000 and in the scandinavian country's
> it's 144.8125.
>
> I don't know when we will qsy but its comming :)
>
> 73 de Andre PE1RDW
>
Just spoke to someone from the dutch vhf/uhf commision and it seems that
we as user can makeup our own minds when we will qsy and the netherlands
will qsy on 1st november this year.

i conclude this saga with extreme joy JIPPIE!!!!!

73 de Andre PE1RDW

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73. [htaprs] VHF/GPS Antennas?

From: Rosenberg.Eric@Orbcomm.COM
Date: Sat, 9 Oct 1999 21:44:20 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44196-1999.10.09-21.00.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hirschmann, the German antenna manufacturer, with offices in NJ, already makes a
unit for ~2m and GPS. It was designed for the use with the Orbcomm Little LEO
satellites, which receive ground signals in the 148-150 MHz band and transmit to

the ground on 137-138 MHz.

There are two versions, one with a 1/4 wave whip, the other with a rubber ducky equivalent. Each is available as a mag mount, trunk lip mount or permanent mount. The cabling is, I believe, RG-174.

I can email the product spec sheet in PDF file for those interested. The cost, last I looked, was ~$70.

I work for Orbcomm, not Hirschmann, and have used the 1/4 whip version.

Eric W3DQ
rosenberg.eric@orbcomm.com

Subject: VHF/GPS antennas?
From: "Andy" <andy@transport.com>
Date: Fri, 8 Oct 1999 18:31:02 -0700
X-Message-Number: 6

I was talking with a representative of one of the major antenna manufacturers today and noticed they have dual band UHF/GPS and 800 MHz/GPS antennas. I asked them if they thought about making one for VHF/GPS, and they said they have considered it if there was a need for one they would make one. I then explained APRS basically to them and they said to ask around if such an antenna was desired they could probably make one. So my question to all of you is: Is anyone interested in such an item and would they prefer permanent mount or magnetic mount or both. It would be a low profile antenna, probably unity gain. Anyway let me know on the sigs or private email. Please pass this idea along to anyone else that is not on these lists as well
Thanks
Jeremy
N7RYY
andy@transport.com

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74. [htaprs] Programming Split Frequencies TX UHF RX VHF on D7E

From: "Dennis James" <denniswj@hunterlink.net.au>
Date: Sun, 10 Oct 1999 14:25:32 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44205-1999.10.09-23.37.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would like to play with Sunsat using the THD7E,has anyone been able to program into memory the frequencies to allow for doppler.

Thanks

Dennis
VK2DOR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

75. [htaprs] Which version of WinAPRS does it contain the tnc.init for the TH-D7A.

From: "Daryl Salangron" <broadhead@aol.com>
Date: Sun, 10 Oct 1999 2:40:23
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44242-1999.10.10-02.52.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know which version of WinAPRS contains the update for the TH-D7
tnc.init? Or do I program (install) it myself? I've tried using the suggestions (commands) on the CD from Kenwood, but my laptop doesn't show the incoming aprs from Th-d7a

---
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76. [htaprs] Re: Which version of WinAPRS does it contain the tnc.init for the TH-D7A.

From: "Steven J Adams" <adamss@datasys.net>
Date: Sun, 10 Oct 1999 3:31:49
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44244-1999.10.10-03.43.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It is in 2.2.8 and possibly before. If you are running some version before
2.2.8, you need to upgrade to this one. It is the most stable and reliable
one running with a good history of having no bugs.

When you pull down the settings menu and go to TNC, you will see a button
to select "Kenwood DC" as your TNC. It should work fine. I have used it
with my D7 and had no problems.

I'm running version 2.3.2 and it seems to work good. I know some people
will say it is too new on the market to give it a thumbs up, but some one
has to run the new versions to give them a thumbs up. :)

KF4NAT
Steve Adams
Valdosta, GA

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77. [htaprs] Re: VHF/GPS antennas?

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Sun, 10 Oct 1999 09:52:24 PDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44288-1999.10.10-12.04.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Andy --
    Please explain how you would actually use such an antenna. Surely you
don't want to transmit RF, even at VHF, into an antenna which is being used
actively to receive GPS transmissions. Maybe I just don't understand.
Thanks and 73,

Bruce Prior N7RR in Blaine, WA -- one of the Mangy Mushers

>From: "Andy" <andy@transport.com>
>To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
>Subject: [htaprs] VHF/GPS antennas?
>Date: Fri, 8 Oct 1999 18:31:02 -0700
>
>I was talking with a representative of one of the major antenna
>manufacturers today and noticed they have dual band UHF/GPS and 800 MHz/GPS
>antennas. I asked them if they thought about making one for VHF/GPS, and
>they said they have considered it if there was a need for one they would
>make one. I then explained APRS basically to them and they said to ask
>around if such an antenna was desired they could probably make one. So my
>question to all of you is: Is anyone interested in such an item and would
>they prefer permanent mount or magnetic mount or both. It would be a low
>profile antenna, probably unity gain. Anyway let me know on the sigs or
>private email. Please pass this idea along to anyone else that is not on
>these lists as well
>Thanks
>Jeremy
>N7RYY
>andy@transport.com
>
>
>
>---
>You are currently subscribed to htaprs as: n7rr@hotmail.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

_____
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

78. [htaprs] Re: [aprssig] European aprs QRG

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Sun, 10 Oct 1999 09:58:56 PDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: APRSNL@onelist.com
Message-ID: <LYR845-44289-1999.10.10-12.10.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Andre --
    I guess I missed the first part of this thread. To which frequency will
you QSY? Thanks and 73,
Bruce Prior N7RR in Blaine, Washington -- one of the Mangy Mushers

>From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
>To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
>CC: htaprs@lists.tapr.org, APRSNL@onelist.com
>Subject: [htaprs] Re: [aprssig] European aprs QRG
>Date: Sat, 9 Oct 1999 15:11:19 +0200 (CEST)
>
>
>
>On Sat, 9 Oct 1999, PE1RDW (Andre) wrote:
>
> > Hi group
> >
> > Here's part2 of my report on the european aprs qrg:
> >
> > in west en central eu we use 144.8000 and in the scandinavian country's
> > it's 144.8125.
> >
> > I don't know when we will qsy but its comming :)
> >
> > 73 de Andre PE1RDW
> >
>Just spoke to someone from the dutch vhf/uhf commision and it seems that
>we as user can makeup our own minds when we will qsy and the netherlands
>will qsy on 1st november this year.
>
>i conclude this saga with extreme joy JIPPIE!!!!!
>
>73 de Andre PE1RDW
>
>
>
>---
>You are currently subscribed to htaprs as: n7rr@hotmail.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

79. [htaprs] Eagle Explorer

From: "Les Thom" <les@renc.igs.net>
Date: Sun, 10 Oct 1999 13:19:42 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44294-1999.10.10-12.33.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi one and all, I have been reading the mail with interest, and have had several of my own questions answered in the process. However, I find myself once again in need of some advice. I am trying to locate an interface cable that would allow me to connect my Eagle Explorer to the TH-D7A. The supplied cable that came with the GPS has only 2 of the 6 pin-outs (pwr and gnd) with actual contacts housed in a molded plug. I have made some general inquiries, and determined that I need the Lowrance NDC-1 (#51-92) with a modest price tag of $19.00 Can. My problem seems to be obtaining the cable. I have had it on order for several weeks, and after placing a call to the supplier I was told that they had 'no idea' when the cable would reach their dock for re-shipment to me. Would anyone know of a supplier that would have this cable in stock (Canadian or US) so that I might actually get to use the TH-D7A for what I bought it for? Any thoughts would be appreciated. I don't know if its good form to mention/recommend a supplier on this forum, so if that be the case, I would respect that and ask you to email me direct: ve3pl@rac.ca however, there may be others in the same position as myself that would like the info as well. Waiting, ... // Les VE3PL ARES EC Renfrew County.

80. [htaprs] re:Eagle

From: "Les Thom" <les@renc.igs.net>
Date: Sun, 10 Oct 1999 13:35:40 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44297-1999.10.10-12.49.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Darrell, however, I do not quite follow you. The cable I have has housing for 6 pins to connect to the explorer, however, only two of these 6 actually have female pins (allowing contact to the pwr and gnd). I don't understand how I could possibly get contact with the necessary pins to communicate with the Kenwood. As to making my own, that sounds good, though I doubt I would find a housing for the connector, leaving me with the necessary pins pushed on to the GPS male pins, and no real way to secure them...any suggestions...// Les

81. [htaprs] Re: Which version of WinAPRS does it contain the tnc.init for the TH-D7A.

From: Walter Dunckel <wdunckel@best.com>
Date: Sun, 10 Oct 1999 10:37:57 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-44299-1999.10.10-12.56.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It should always show the incoming aprs, no matter which version of the
software you have. Sounds like you have a problem with setting it to the
right port, or a baud problem, or you did not remember to put the TH-D7
in TNC PACKET mode (not APRS).

You will need winaprs 2.2.6 or 2.2.8 (I cant remember which, but latest
version is always a good bet) to run your TH-D7 with a GPS connected to
it, and your TH-D7 connected to your computer. This adds up to only one
port of your computer being used.... nice!

Walter
http://www.radiohound.com

Daryl Salangron wrote:
>
> Does anyone know which version of WinAPRS contains the update for the
> TH-D7
> tnc.init? Or do I program (install) it myself? I've tried using the
> suggestions (commands) on the CD from Kenwood, but my laptop doesn't show
> the incoming aprs from Th-d7a

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] re: Eagle cable

From: "Les Thom" <les@renc.igs.net>
Date: Sun, 10 Oct 1999 13:59:13 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44300-1999.10.10-13.13.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi again, and thanks for the update, but unfortunately for me, I do not have any thing like you are talking about. Not even close. The only cable supplied with my Eagle GPS was the cable that connects to the GPS via a molded 6 pin connector (that has only 2 active pins for pwr) and the other end of it was a cigarette adapter. There is only 2-wires running from the GPS out to the adapter (for obvious reasons) so I need to source the cable with the full compliment of pins that would allow me to tap into and get the signal I need to send to the Kenwood. // Les

83. [htaprs] WinAprs CE

From: "Luc Bodson" <cyberoptics@pandora.be>
Date: Sun, 11 Oct 1998 21:34:48 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44310-1999.10.10-14.46.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

Just wondering, what happened with the APRS for Windows CE.

Does anybody has any news about the version ?

I'm eager to get my Freestyle on the road (HI)

Luc
ON9AAV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Re: [aprssig] European aprs QRG

From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
Date: Sun, 10 Oct 1999 23:38:21 +0200 (CEST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
APRSNL@onelist.com
Message-ID: <LYR845-44317-1999.10.10-15.47.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 10 Oct 1999, Bruce Prior wrote:

> Andre --
> I guess I missed the first part of this thread. To which frequency will
> you QSY? Thanks and 73,
> Bruce Prior N7RR in Blaine, Washington -- one of the Mangy Mushers
>
>
> >From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
> >To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
> >CC: htaprs@lists.tapr.org, APRSNL@onelist.com
> >Subject: [htaprs] Re: [aprssig] European aprs QRG
> >Date: Sat, 9 Oct 1999 15:11:19 +0200 (CEST)
> > >
> > >
> > >
> >On Sat, 9 Oct 1999, PE1RDW (Andre) wrote:
> > >
> > > > Hi group
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> > > > Here's part2 of my report on the european aprs qrg:
> > > >
> > > > in west en central eu we use 144.8000 and in the scandinavian country's
> > > > it's 144.8125.
> > > >
> > > > I don't know when we will qsy but its comming :)
> > > >
> > > > 73 de Andre PE1RDW
> > > >
> >Just spoke to someone from the dutch vhf/uhf commision and it seems that
> >we as user can makeup our own minds when we will qsy and the netherlands
> >will qsy on 1st november this year.
> > >
> >i conclude this saga with extreme joy JIPPIE!!!!!
> > >
> >73 de Andre PE1RDW
> > >

I gues I wasn't exactly clear about it so here come's an improved
situation profile :

right now there are a number of frequenties in use in europe
144.8000 144.8625 144.6500 etc.

our new frequentie wil be 144.8000 and 144.8125 as discribed above

73 de Andre PE1RDW

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

85. [htaprs] Re: Annoying "Feature"

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Sun, 10 Oct 1999 16:09:51 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-44319-1999.10.10-16.21.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Dan,

Everyone complains about this and there is no real
cure.. However, the simplest approach in my
opinion, temporarily change freqs on the D7 til
you get the message typed in, return to APRS
frequency and transmit the msg.. Only problem I
would see is if you were running GPS at 1 minute
or son on your beacon, the frequency you go to
will probably get a burp of your position, :-(,
hummm, hope you don't take 10 or 15 minutes to get
the message typed in.... :-)

Gud luck, 73

KC2EAW@aol.com wrote:
>
> Hi all;
> Last night in my travels, I saw another mobile station that I know on my
> Garmin's screen. I happened to be in a parking lot so I figured I'd drop
> him a brief TH-D7 message. My first attempt at messaging on the D7.
> However, while trying to input the message the screen would change every
> time a new packet was received. I live in the New York City - New Jersey
> area. We get a lot of traffic and with only 40 stations in memory, the D7
> is constantly updating with new stations. After 3 attempts to get more
> than 2 letters input into the message, I gave up.
>
> This has got to be the most annoying "feature" I've ever run across. Any
> hints or tips?
> Thanks de KC2EAW
> Dan Speranzo
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

86. [htaprs] Re: Annoying "Feature"

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Sun, 10 Oct 1999 16:13:08 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-44320-1999.10.10-16.25.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry Dan,

Didn't realize this was not cleared out of the
receive bin.. Having too much fun here...

73

KC2EAW@aol.com wrote:
> After 3 attempts to get more
> than 2 letters input into the message, I gave up.
>
> This has got to be the most annoying "feature" I've ever run across. Any
> hints or tips?
> Thanks de KC2EAW
> Dan Speranzo
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

87. [htaprs] EAGLE GPS CABLE

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sun, 10 Oct 1999 16:26:29 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44321-1999.10.10-16.39.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://vancouver-webpages.com/peter/eagle.gif

INFO

http://vancouver-webpages.com/peter/idx_eagle.html

NMEA-0183 and GPS Information

http://vancouver-webpages.com/peter/

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

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88. [htaprs] Re: Eagle Explorer

From: Doug Woodruff <w4law@mindspring.com>
Date: Sun, 10 Oct 1999 18:15:55 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-44333-1999.10.10-17.42.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You may want to try http://www.lei-extras.com/store/default.asp

Doug, W4LAW

Les Thom wrote:

> Hi one and all, I have been reading the mail with interest, and have
> had several of my own questions answered in the process. However, I
> find myself once again in need of some advice. I am trying to locate
> an interface cable that would allow me to connect my Eagle Explorer to
> the TH-D7A. The supplied cable that came with the GPS has only 2 of
> the 6 pin-outs (pwr and gnd) with actual contacts housed in a molded
> plug. I have made some general inquiries, and determined that I need
> the Lowrance NDC-1 (#51-92) with a modest price tag of $19.00 Can. My
> problem seems to be obtaining the cable. I have had it on order for
> several weeks, and after placing a call to the supplier I was told
> that they had 'no idea' when the cable would reach their dock for
> re-shipment to me. Would anyone know of a supplier that would have
> this cable in stock (Canadian or US) so that I might actually get to
> use the TH-D7A for what I bought it for? Any thoughts would be
> appreciated. I don't know if its good form to mention/recommend a
> supplier on this forum, so if that be the case, I would respect that
> and ask you to email me direct: ve3pl@rac.ca however, there may be
> others in the same position as myself that would like the info as
> well. Waiting, ... // Les VE3PL ARES EC Renfrew County.

89. [htaprs] GPS in Russia, urban legend or time to be careful?

From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
Date: Sun, 10 Oct 1999 20:54:04 -0700 (PDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44351-1999.10.10-23.05.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been told, via the FOAF type message, that it's illegal to carry
a hand-held GPS in Russia. Now, I know we carried one from a
residence to a boat in St. Petersburg in 1995, but wonder if anyone
has any definitve information on this? I'm likely as not to carry a
GPS with my TH-D7E, and I'm likely to go to Russia soon.

73, doug

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90. [htaprs] Re: Annoying "Feature"

From: John W Wilson <z004391b@bc.seflin.org>
Date: Mon, 11 Oct 1999 07:21:35 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-44381-1999.10.11-06.33.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't recall this happening with my TH-D7. I got mine 8 weeks ago so
it is fairly new, and played with it a lot before I had to send it back
to be repaired (shorted output transistor(s)). Once I was in the message
sending menu I was able to complete my message until it was sent.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sun, 10 Oct 1999, Robbie Robertson wrote:

> Hi Dan,
>
> Everyone complains about this and there is no real
> cure.. However, the simplest approach in my
> opinion, temporarily change freqs on the D7 til
> you get the message typed in, return to APRS
> frequency and transmit the msg.. Only problem I
> would see is if you were running GPS at 1 minute
> or son on your beacon, the frequency you go to
> will probably get a burp of your position, :-(,
> hummm, hope you don't take 10 or 15 minutes to get
> the message typed in.... :-)
>
> Gud luck, 73
>
> KC2EAW@aol.com wrote:
> >
> > Hi all;
> > Last night in my travels, I saw another mobile station that I know on my
> > Garmin's screen. I happened to be in a parking lot so I figured I'd drop
> > him a brief TH-D7 message. My first attempt at messaging on the D7.
> > However, while trying to input the message the screen would change every
> > time a new packet was received. I live in the New York City - New Jersey
> > area. We get a lot of traffic and with only 40 stations in memory, the D7
> > is constantly updating with new stations. After 3 attempts to get more
> > than 2 letters input into the message, I gave up.
> >
> > This has got to be the most annoying "feature" I've ever run across. Any
> > hints or tips?
> > Thanks de KC2EAW
> > Dan Speranzo
> >
> > ---
> > You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> --
> ----------------------------
>   Are we having fun yet?
>   73 - Robbie - WA9INF
> ******* --... ...-- *******
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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91. [htaprs] New Kenwood Radio and Satellites!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 11 Oct 1999 09:10:31 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44386-1999.10.11-08.23.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is what came out of the AMSAT conference:

APRSpace CONCEPT DISCUSSION 10 Oct 99
Bob Bruninga, WB4APR

APRSpace is a network concept I presented at the AMSAT-NA symposium to use amateur satellites to deliver messages/position and status between mobiles and the worldwide APRServe system. With the imminent introduction of the Kenwood APRS Mobile radio with built in 9600 baud TNC and front-panel APRS message and position displays, any mobile traveling outside of the existing APRS infratstructure can send and receive any needed packets via a 9600 baud satellite. The purpose of this "white paper" is to begin the dialog to suggest how APRS and AMSAT can join together to serve the distant mobile ham radio traveler.

In the conference parking lot, using a handheld 3 element (1 foot) UHF beam, the Kenwood radio received and displayed UI packets from both the UO22 and KO25 downlinks on the front panel of the radio. With several new Amateur Satellites in design and on the launch pad, this demonstrates a great satellite application for these new 9600 baud transponders. Remember, no PC, laptop, TNC or any other hardware other than the mobile radio itself is required!

Further, No on-orbit software, nor message storage nor processing is required other than simply enabling digipeat for UI frames on the satellite. Mobile-to-mobile communications would be enabled instantly, and mobile to-from any other APRS station in the world is possible via only a few APRServe fixed stations serving as impromptu APRServe IGates. Finally, no special ground segment software is required either, since every copy of Mac/Win and +SA APRS software already includes automatic background Gateway capability to APRServe whenever such a user is connected to his internet ISP..

Thus, in HAM radio we have the ability in only a few months from now to activate a worldwide mobile Satellite comunications system that rivals (in our own small way) the global presence of Iridium, Globalstar and others... What makes this possible is the availability of the off-the-shelf Kenwood mobile radio (maybe by December 99) with built in 1200/9600 baud packet radio and APRS front panel displays and controls.

NOTE, this does not replace, but only augments the existing efforts using the 1200 baud AO16/LO19/IO26 satellites to accomplish the same APRS mobile satellite obectives. Similarly it does not compete with the existing 9600 Baud PACSAT Protocols nor satellites. These three amateur satellite segments can be thought of as a means to satisfy a variety of mobile satellite communications needs. The following table attempts to summarize these areas and capabilities:

APRS FUNCTION	AO16/LO19/IO26 1200 BAUD SATS	9600 bd SATS	ALTERNATIVE GROUND STN
Posit reporting	$2 mod TNC-2 and GPS	KWD Mobile and GPS	Mobile PACSAT station with TNC, laptop, etc
Status Reporting	$2 mod TNC-2 and laptop	KWD Mobile	Mobile PACSAT station with TNC, laptop, etc
Message Xmission	$2 mod TNC-2 and laptop	KWD Mobile	Mobile PACSAT station with TNC, laptop, etc
Message reception	PSK-SSB and laptop	KWD Mobile	Mobile PACSAT station with TNC, laptop, etc
File Transfer	PACSAT TNC and laptop	KWD Mobile and laptop UO22/KO23/25	Mobile PACSAT station with TNC, laptop, etc

Notice how versatile the Kenwood will be as a mobile satellite terminal even without a laptop in most cases...

ANTENNAS: Existing mobile whips for 2m will work fine for the mobile uplinks. But existing 9600 baud downlinks are below threshold for any

mobile omni antenna. Thus mobiles need to begin working on 7 to 10 dB gain antenna designs. At least a 3 element (or equivalent) beam or phased array is required. And the vertical polarity of the signal and the nadir pointing null from the satellite preclude the normal center-of-pass advantages. Fortunately, future satellites may have more power available on the downlink, due to the low duty cycle of these APRS style UI messaging.

APRS GROUND STATION (IGATE) SOFTWARE MODS: Although no mods are needed for mobile-to-mobile and mobile-to-internet messsaging, some minor software mods will be needed to existing APRS swoftware IGate handling from APRServe back to the mobile via the satellite. THis is due to the short duration and infrequent satellite passes:

1) APRSpace IGates will need to retain APRSpace mobiles in their "local" lists for possibly "days" instead of hours. (APRS Igate software uses these "local" lists to determine whether or not they will forward the traffic from the internet to the mobile via RF).

2) APRSpace IGates will need to "buffer" APRServe traffic for APRSpace mobiles until they next come into view. The existing "send-on-heard" algorithm will work once the packets are buffered.

3) Because these Message packets will no longer be LIVE, they may need to be TIME stamped. ALl other APRS messages are delivered LIVE. It is important that there be a distinction to avoid user confusion.

4) Because of this many-hour potential message latency, there will be a problem in "old" messages, and conflicting messages via the terrestrial and APRSpace link. One possible solution is to assure that the APRSpace mobile always uses a unique SSID while working the satellites. This is trivial to do since the Kenwood Mobile has 5 user "profiles", one of which can be used for APRSpace unique settings.

FUTURE: This paper only capatilizes on the impending introduction of the new KENWOOD Mobile radio and its capability to use satellites for mobile long distance communications by suggesting a starting point using only existing hardware, software, APRServe, and on-orbit software with no changes. But this is only a starting point. There are many possible enhancements that can be added to future Satellite software:

1) 9600 Baud digipeating satellites could save downlink power by keying up the transmitters only when there are packets for relay. They should buffer packets, say for 3 seconds, or so to avoid wasting TXD key-up delays. Such savings could allow a 6 dB power increase for the same average DC power. Each TXD Key up can be equivalent to as many as EIGHT APRS packets!

2) Satellites could store-and-forward packets from off-shore and other countries when the downlink is idle. This can provide worldwide APRS capabilty for stations thousands of miles from any APRServie IGate.

3) Satellites could transmit their own positions to aid users in antenna pointing. (THis can actually be digipeated from a tracking program on the ground in the interim).

4) APRSpace digipeaters could not permit point-to-point link layer connections. It is well known that these are grossly inneffecient on a shared ALOHA channel with 100% "hidden" transmitters.

5) "Country Servers" can forward appropriate "Country wide" bulletins announcements and possibly track data for special interest items

6) APRSpace satellites can "ping" APRSpace mobiles so that the mobiles only transmit when the satellites are in view. This promotes spectrum effeciency.

I invite others to speculate on how we can take advantage of the impending new Kenwood APRS Mobile Radio for mobile operations via our AMSAT Satellites. I hope to see applications that encourage more excitement in Amateur Radio and Amateur satellites to promote LIVE human-to-human communications. The digital equivalent of the good aspects of AO27...

de WB4APR

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92. [htaprs] Re: Annoying "Feature"

From: KC2EAW@aol.com
Date: Mon, 11 Oct 1999 10:27:02 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-44399-1999.10.11-09.39.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: mwrobertson@mediaone.net (Robbie Robertson)
>To: KC2EAW@aol.com
>CC: htaprs@lists.tapr.org (TAPR HT APRS Special Interest Group)
>Sorry Dan,
>
>Didn't realize this was not cleared out of the
>receive bin.. Having too much fun here...
>
>73
>
>KC2EAW@aol.com wrote:
>> After 3 attempts to get more
>> than 2 letters input into the message, I gave up.
>>
>> This has got to be the most annoying "feature" I've ever run across. Any
>> hints or tips?
>> Thanks de KC2EAW
>> Dan Speranzo
>>
>> ---
>> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
>> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>--
>----------------------------
>   Are we having fun yet?
>   73 - Robbie - WA9INF
>******* --... ...-- *******
>
>
Hi Robbie; No problem, but now having played with the D7 for a while,
it's not as annoying as it used to be. Whenever the screen flips, a touch
of the up or down arrows bring it right back to the message input (or
wherever you were) screen. The screen flip does not change the underlying
function. While it would be better if it didn't flip the screen at all,
it's not a disaster.

BTW - If I'm using the D7 for more that just basic tracking, it will
usually have the Palm IIIx with PocketAPRS running. Much easier!.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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93. [htaprs] Re: VHF/GPS antennas?

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Mon, 11 Oct 1999 07:54:29 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44404-1999.10.11-10.07.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will take three and if they make a GPS/Marine VHF i'll take two more.

At 18:31 -0700 10/8/99, Andy wrote:
>I was talking with a representative of one of the major antenna
>manufacturers today and noticed they have dual band UHF/GPS and 800 MHz/GPS
>antennas. I asked them if they thought about making one for VHF/GPS, and
>they said they have considered it if there was a need for one they would
>make one. I then explained APRS basically to them and they said to ask
>around if such an antenna was desired they could probably make one. So my
>question to all of you is: Is anyone interested in such an item and would
>they prefer permanent mount or magnetic mount or both. It would be a low
>profile antenna, probably unity gain. Anyway let me know on the sigs or
>private email. Please pass this idea along to anyone else that is not on
>these lists as well
>Thanks
>Jeremy
>N7RYY

>andy@transport.com
>
>
>
>---
>You are currently subscribed to htaprs as: n7aac@aztenx.org
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

94. [htaprs] Re: VHF/GPS antennas?

From: Skip Allison <Skip.Allison@Motorola.com>
Date: Mon, 11 Oct 1999 10:16:44 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44407-1999.10.11-10.30.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would be interested in one if they made one with an NMO mount.
Also tri-band VHF/UHF/GPS would be great.

Skip
K9SA

"Clark A. Lowry N7AAC" wrote:
>
> I will take three and if they make a GPS/Marine VHF i'll take two more.
>
> At 18:31 -0700 10/8/99, Andy wrote:
> >I was talking with a representative of one of the major antenna
> >manufacturers today and noticed they have dual band UHF/GPS and 800 MHz/GPS
> >antennas. I asked them if they thought about making one for VHF/GPS, and
> >they said they have considered it if there was a need for one they would
> >make one. I then explained APRS basically to them and they said to ask
> >around if such an antenna was desired they could probably make one. So my
> >question to all of you is: Is anyone interested in such an item and would
> >they prefer permanent mount or magnetic mount or both. It would be a low
> >profile antenna, probably unity gain. Anyway let me know on the sigs or
> >private email. Please pass this idea along to anyone else that is not on
> >these lists as well
> >Thanks
> >Jeremy
> >N7RYY
> >andy@transport.com
> >
> >
> >
> >---
> >You are currently subscribed to htaprs as: n7aac@aztenx.org
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: Skip.Allison@motorola.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

95. [htaprs] Request for comments

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Mon, 11 Oct 1999 08:57:42 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-44416-1999.10.11-11.10.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have seen, in Radio Shack, their $99.00 simplex repeater. It would
appear that this could be used in limited service as a quick and
dirty digipeater. Questions come up about the automatic courtesy beep
and the packets dropped while tramsmitting, as well as the slow
carrier detect time (<2 seconds>. So this isn't a great solution.
Perhaps used with some mic-e stations where the first packet is
delayed long enough. I just thought I would throw this out for
comments and see if anyone has experience with this.

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96. [htaprs] Re: [aprssig] Request for comments

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Mon, 11 Oct 1999 11:13:41 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-44419-1999.10.11-11.27.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I have seen, in Radio Shack, their $99.00 simplex repeater. It would
> appear that this could be used in limited service as a quick and
> dirty digipeater.

You can try it, but I doubt it will work. The ISD chips sample the voice
rather slowly, and probably won't repoduce the output accurately enough. You
can tolerate a lot of errors in voice.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

97. [htaprs] Re: Request for comments

From: Skip Allison <Skip.Allison@Motorola.com>
Date: Mon, 11 Oct 1999 11:34:51 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44423-1999.10.11-11.48.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Clark A. Lowry N7AAC" wrote:
>
> I have seen, in Radio Shack, their $99.00 simplex repeater. It would
> appear that this could be used in limited service as a quick and
> dirty digipeater. Questions come up about the automatic courtesy beep
> and the packets dropped while tramsmitting, as well as the slow
> carrier detect time (<2 seconds>. So this isn't a great solution.
> Perhaps used with some mic-e stations where the first packet is
> delayed long enough. I just thought I would throw this out for
> comments and see if anyone has experience with this.
>

I'm not sure why you would want to do this unless you already have the
repeater sitting around. It would repeat everything - not just packets
addressed to RELAY or WIDE. A cheap TNC would work a lot better. You
can usually pick up a used TNC at a hamfest for well under $99.

Skip
K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

98. [htaprs] Re: [aprssig] Request for comments

From: GPersons <railfan@flash.net>
Date: Mon, 11 Oct 1999 15:08:05 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44447-1999.10.11-15.19.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What is the band width of the jewel. Will it do 6 meters?

At 11:13 AM 10/11/1999 -0500, you wrote:
>
>
>> I have seen, in Radio Shack, their $99.00 simplex repeater. It would
>> appear that this could be used in limited service as a quick and
>> dirty digipeater.
>
>You can try it, but I doubt it will work. The ISD chips sample the voice
>rather slowly, and probably won't repoduce the output accurately enough. You
>can tolerate a lot of errors in voice.
>
>

>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

99. [htaprs] Re: Simplex repeater

From: Walter Dunckel <wdunckel@best.com>
Date: Mon, 11 Oct 1999 13:55:20 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-44450-1999.10.11-16.16.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just to clear things up a bit:

Radio Shack's "simplex repeater" consists of a digital recording chip
and all necessary hardware to plug into your radios speaker. When your
radios sqelch opens up, this chip starts recording. When your squelch
closes up, it keys up your radio and starts playing the contents of its
recording.

I wouldn't exactly call it a "jewel", but you could connect it to a 6
meter radio, just won't do digital, and there sure are better ways to
repeat voice.

Walter

GPersons wrote:
>
> What is the band width of the jewel. Will it do 6 meters?
>
> At 11:13 AM 10/11/1999 -0500, you wrote:
> >
> >
> >> I have seen, in Radio Shack, their $99.00 simplex repeater. It would
> >> appear that this could be used in limited service as a quick and
> >> dirty digipeater.
> >
> >You can try it, but I doubt it will work. The ISD chips sample the voice
> >rather slowly, and probably won't repoduce the output accurately enough. You
> >can tolerate a lot of errors in voice.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

100. [htaprs] GPS in Russia

From: Richard Ferguson <raferguson@worldnet.att.net>
Date: Mon, 11 Oct 1999 18:01:18 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44477-1999.10.11-19.12.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I remember the incident related to GPS. A western company was
performing a site survey in conjunction with a planned installation of
wireless base stations for some kind of cellular phone system. The
engineer performing the survey was arrested and held for spying. I
think that he was released later.

This incident is a reminder that Russia is not yet a western democracy,
and still has a totalitarian tendency. Remember that the local
authorities could misinterpret anything that you say and do,
particularly if you are behaving in an unusual manner. APRS could be
interpreted as spying. Remember that in the old Soviet Union, maps and
phone books were regarded as classified information. But perhaps you
know Russia well.

Richard Ferguson
KA0DXM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

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101. [htaprs] Re: [aprssig] Request for comments

From: Robert Winingham <kc5ejk@onramp.net>
Date: Mon, 11 Oct 1999 23:23:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44504-1999.10.11-23.35.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>What is the band width of the jewel. Will it do 6 meters?

I think it is only 0.600 to 1.400 Khz AUDIO :-)

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] DCC Papers(audio) posted at tapr site

From: Walter Dunckel <wdunckel@best.com>
Date: Mon, 11 Oct 1999 22:05:21 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44522-1999.10.12-00.17.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Papers from the digital communications conference have been posted at
the tapr site. You will need Realaudio to listen to it. These papers
include information on:
The ever illusive WinCE APRS
http://www.tapr.org/tapr/ra/dcc99.aprs.5.kz5rw.ram
Tips/Tricks for the TH-D7
http://www.tapr.org/tapr/ra/dcc99.aprs.6.wa1lou.ram

You can go to the main DCC site at tapr here:
http://www.tapr.org/dcc/index.html

Walter
http://www.radiohound.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

103. [htaprs] RE: WinAprs CE

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Tue, 12 Oct 1999 01:18:46 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44526-1999.10.12-00.33.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I'm the author of APRS/CE. I've been trying to get a beta version up on the
TAPR FTP site, but life has been getting in the way lately. (Just got done
being sick with the flu/cold/crud/whatever for about a week... you should
hear my raspy voice!)

I will keep you posted as to the status of the beta.

Thanks,

     -Rob
      KZ5RW

-----Original Message-----
From: bounce-htaprs-3572@lists.tapr.org
[mailto:bounce-htaprs-3572@lists.tapr.org]On Behalf Of Luc Bodson
Sent: Sunday, October 11, 1998 3:35 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] WinAprs CE

Hi,

Just wondering, what happened with the APRS for Windows CE.

Does anybody has any news about the version ?

I'm eager to get my Freestyle on the road (HI)

Luc
ON9AAV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

104. [htaprs] RE: DCC Papers(audio) posted at tapr site

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Tue, 12 Oct 1999 01:31:42 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44529-1999.10.12-00.45.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> The ever illusive WinCE APRS

I swear that there were no illusions during my presentation at DCC! :-)

If you meant "elusive", I also swear I'm not trying to avoid anyone...
between work (and final Y2K testing) and being sick with what I can only
describe as "Martian Death Flu", I've fallen behind. I'm catching up as
fast as I can.

My current debugging sessions have to do with synchronization issues because
APRS/CE uses separate threads for serial reads and writes. (Note: this
isn't as inefficient as it sounds, the threads can "sleep" while there's no
I/O, and the operating system can enter a low-power state. Result: longer
battery life...)

     -Rob
      KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] RE: DCC Papers(audio) posted at tapr site

From: Jean Paul Pierrepont <crossbow@kconline.com>
Date: Tue, 12 Oct 1999 00:52:41 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-44536-1999.10.12-01.03.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Rob Wittner wrote:
>
> > The ever illusive WinCE APRS
>
> I swear that there were no illusions during my presentation at DCC! :-)
>
> If you meant "elusive", I also swear I'm not trying to avoid anyone...
> between work (and final Y2K testing) and being sick with what I can only
> describe as "Martian Death Flu", I've fallen behind. I'm catching up as
> fast as I can.
>
> My current debugging sessions have to do with synchronization issues because
> APRS/CE uses separate threads for serial reads and writes. (Note: this
> isn't as inefficient as it sounds, the threads can "sleep" while there's no
> I/O, and the operating system can enter a low-power state. Result: longer
> battery life...)
>
>   -Rob
>   KZ5RW

Don't let them get you down Rob

I have a PalmPilot and intend on using it and my HP660 for APRS
Was told at Dayton that it would be just a couple of weeks..
Hey...we are backing you

Paul KB9AVO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

106. [htaprs] New Kenwood APRS Mobile Info+ Pic

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Tue, 12 Oct 1999 23:46:52 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44652-1999.10.12-16.58.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

If you are looking for some pics of the new Kenwood APRS rig. Thay can be found at the following site:

 http://www.ohioaprs.net/new_kenwood/
[Attachment: ohioaprs.net - New Kenwood APRS Mobile Info.url; application/octet-stream; 144 bytes]

107. [htaprs] Re: [aprssig] Request for comments

From: Richard Amirault <amirault@sunspot.tiac.net>
Date: Tue, 12 Oct 1999 20:12:11 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
        htaprs@lists.tapr.org
Message-ID: <LYR845-44662-1999.10.12-19.26.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 11 Oct 1999, Clark A. Lowry N7AAC wrote:

> I have seen, in Radio Shack, their $99.00 simplex repeater. It would
> appear that this could be used in limited service as a quick and
> dirty digipeater. Questions come up about the automatic courtesy beep
> and the packets dropped while tramsmitting, as well as the slow
> carrier detect time (<2 seconds>. So this isn't a great solution.
> Perhaps used with some mic-e stations where the first packet is
> delayed long enough. I just thought I would throw this out for
> comments and see if anyone has experience with this.

You *still* need a radio ... might as well buy a tnc and make a *real*
digi.

Richard Amirault   N1JDU   Boston, Massachusetts USA
amirault@tiac.net   "Go Fly A Kite"

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

108. [htaprs] Satellite GPS tracking

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 12 Oct 1999 21:29:28 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44677-1999.10.12-20.42.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is someone that has used his THD7 to receive the packets from POsat
and it contains the satllite GPS position...

de WB4APR, Bob

---------- Forwarded message ----------
Date: Sun, 10 Oct 1999 15:43:41 EDT
From: Builderick@aol.com

While trying out my new th-d7 (kenwood)
I managed to hear posat on 429.950 fm 9600 baud late pass 3100 klm out.
... As I posted before, this satellite gives it's lat & long.
Below is the log file.
73 de rick KB0VBZ

POSAT1-11>STATUS:B: 904135;0

POSAT1>QST:ADCS SPIN:10.6 I:1 K:5 X:4917 Z:4008 E:-1.4/ v:-5N48

POSAT1>QST:ADCS T:939583978 LAT:40.406 LON:-139.36

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] Test - please ignore

From: "Mark Keiser" <mkeiser@chi.navtech.com>
Date: Thu, 14 Oct 1999 08:27:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44901-1999.10.14-08.42.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Test

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] THD7 Text entry

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 14 Oct 1999 10:41:28 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44916-1999.10.14-09.54.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I need to do a survey of how people enter TEXT on the THD7.
The best way for me to accumulate the data would be to ask for the
percentage of the time that you use these three methods. My answer
is shown. You may reply with your answers using this form...

de WB4APR, Bob

PCT   METHOD
---   ------------------------------------
100   Do you use the TTone pad alphabetics,

  0   Or the rotoary Dial and OK key

  0   Or Joystick and OK button?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

111. [htaprs] Re: THD7 Text entry

From: Jim Baremore <k5qq@juno.com>
Date: Thu, 14 Oct 1999 10:55:48 MDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-44953-1999.10.14-15.38.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 14 Oct 1999 10:41:28 -0400 (EDT) Bob Bruninga
<bruninga@nadn.navy.mil> writes:
> I need to do a survey of how people enter TEXT on the THD7.
> The best way for me to accumulate the data would be to ask for the
> percentage of the time that you use these three methods. My answer
> is shown. You may reply with your answers using this form...
>
> de WB4APR, Bob
>
> PCT   METHOD
> ---   ------------------------------------
> 100   Do you use the TTone pad alphabetics,

Noting of course that you have to use the OK key to advance to the next
letter
>
>   0   Or the rotoary Dial and OK key
>
>   0   Or Joystick and OK button?

Joystick?? is that when you have an external computer connection?

>

Jim Baremore, K5QQ
VP - NM SAR Support Team
Pres. - Upper Rio FM Society

_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] Re: THD7 Text entry

From: Jon Ogden <jono@enteract.com>
Date: Thu, 14 Oct 99 15:30:45 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44955-1999.10.14-15.41.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For KE9NA:

PCT   METHOD
---   ------------------------------------
 99   Do you use the TTone pad alphabetics,

  1   Or the rotoary Dial and OK key

  0   Or Joystick and OK button?

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] Re: THD7 Text entry

From: "Bob Oesterlin" <oester@rconnect.com>
Date: Thu, 14 Oct 1999 15:53:52 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44962-1999.10.14-16.06.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> PCT   METHOD
> ---   ------------------------------------
> 100   Do you use the TTone pad alphabetics,
>
>   0   Or the rotoary Dial and OK key
>
>   0   Or Joystick and OK button?

This is what I do as well.

Bob N0EST

----- Original Message -----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Thursday, October 14, 1999 9:41 AM
Subject: [htaprs] THD7 Text entry

> I need to do a survey of how people enter TEXT on the THD7.
> The best way for me to accumulate the data would be to ask for the
> percentage of the time that you use these three methods. My answer
> is shown. You may reply with your answers using this form...

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] Re: THD7 Text entry

From: Ralph <rwf@bsrg.org>
Date: Thu, 14 Oct 1999 17:07:57 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-44964-1999.10.14-16.18.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You did not say if you wanted the answers privately or in the list, so I
will send it both ways.

>PCT   METHOD
>---   -------------------------------------
>50 Do you use the TTone pad alphabetics,
>
>50   Or the rotoary Dial and OK key
>
>   0   Or Joystick and OK button?

And in case Kenwood is listening- the TT Pad stuff it cumbersome to use in
a certain way. It need to work more like a Nokia Cellphone. The position
needs to advance automatically after, say, 2 seconds or so. This way you do
not have to manually move the cursor if entering the a letter that is on
the same key as the previous letter.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] Re: THD7 Text entry

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 14 Oct 1999 17:41:45 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44971-1999.10.14-16.53.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

PCT   METHOD
 ---   -------------------------------------
  90   Do you use the TTone pad alphabetics,

   0   Or the rotoary Dial and OK key

  10   Or Joystick and OK button?

I never realized the rotray dial would do it as well

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"May God stand between you and harm, in all the empty places where you
 must walk." - Susan Ivonava, Babylon 5

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

116. [htaprs] Re: THD7 Text entry

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Thu, 14 Oct 1999 15:02:22 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44972-1999.10.14-17.15.35--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

>
>PCT   METHOD
>---   -----------------------------------
> 90   Do you use the TTone pad alphabetics,
>
> 0   Or the rotoary Dial and OK key
>
> 10   Or Joystick and OK button?

Haven't tried the Rotary Button. Will have to use that.

>

~~~~~~
Clark Lowry N7AAC   N7AAC@aztenx.org
Founding Member: Spook Hill Amateur Radio Club (SHARC)
Founding Member: Arizona Desert 10-10 Chapter #06F
                           10-10 International #68954
10226 E. Iris Rd.   Yaesu FT-920 W/100-600 Watts HF+6m
Mesa, Maricopa County   ICOM IC-706, IC-2350, IC-W32A, IC-T21A,
Arizona, 85207 DM43   Kenwood TM-V7 Remote base, TH-D7A Tracker
                           72 ft tower, 4-element RAIBEAM on 10m
480-354-9300   2-element Raibeam on 20m
602-619-5007 Cell   7-element Force 12 on 6m, 26B2 on 2m,
800.880.3896 Toll Free   AN-99 on 10m Half Square on 6m
602-530-2400 Fax   Lazy "Z" Windom for 80 thru 6 meters

Check out our Web site at http://www.aztenx.org Sign our guestbook
~~~~~~

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

117. [htaprs] Re: THD7 Text entry

From: "Steven J Adams" <adamss@datasys.net>
Date: Thu, 14 Oct 1999 17:8:7
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44973-1999.10.14-17.20.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

PCT METHOD
--- -----------------------------------
90 Do you use the TTone pad alphabetics,

0 Or the rotorary Dial and OK key (knob broke off and I've decided not to
repair it)

10 Or Joystick and OK button?

TTone works better than you might think, but it's still not perfect.
Rotorary knob definitely needs a thicker shaft to make it stronger.

KF4NAT
Steve Adams
Valdosta GA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

118. [htaprs] Re: THD7 Text entry

From: Gpowell <gpowell@pacbell.net>
Date: Thu, 14 Oct 1999 18:40:38 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44994-1999.10.14-21.53.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All key pad for me, 100%

Greg - KD6AIS

-----Original Message-----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Thursday, October 14, 1999 7:43 AM

Subject: [htaprs] THD7 Text entry

>I need to do a survey of how people enter TEXT on the THD7.
>The best way for me to accumulate the data would be to ask for the
>percentage of the time that you use these three methods. My answer
>is shown. You may reply with your answers using this form...
>
>de WB4APR, Bob
>
>PCT   METHOD
>---   ------------------------------------
>100   Do you use the TTone pad alphabetics,
>
> 0   Or the rotoary Dial and OK key
>
> 0   Or Joystick and OK button?
>
>
>---
>You are currently subscribed to htaprs as: gpowell@pacbell.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

119. [htaprs] aprs text entry

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Thu, 14 Oct 1999 20:03:59 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44995-1999.10.14-22.15.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

keypad 90%

joystick 10%

wish I could store common messages that would not be over written such as

at work

contact me voice on 448.075 100 PL

operating Kenwood th-d7 handheld 1 watt

external keyboard option would be nice

kd8s@skylink.net

Las Vegas
find me on a map!   go to   www.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

120. [htaprs] Re: THD7 Text entry

From: "Harry Burford" <hburford@airmail.net>
Date: Thu, 14 Oct 1999 23:11:36 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45003-1999.10.14-23.23.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

100 key pad alpha.

Harry, KAØTTY

----- Original Message -----
From: Bob Bruninga <bruninga@nadn.navy.mil>

To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Thursday, October 14, 1999 9:41 AM
Subject: [htaprs] THD7 Text entry

I need to do a survey of how people enter TEXT on the THD7.
The best way for me to accumulate the data would be to ask for the
percentage of the time that you use these three methods. My answer
is shown. You may reply with your answers using this form...

de WB4APR, Bob

PCT	METHOD
100	Do you use the TTone pad alphabetics,
0	Or the rotoary Dial and OK key
0	Or Joystick and OK button?

You are currently subscribed to htaprs as: HBURFORD@AIRMAIL.NET
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

121. [htaprs] THD7 Text Entry

From: Andy.McMullin@pbs.plym.ac.uk
Date: Fri, 15 Oct 1999 09:48:49 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45054-1999.10.15-04.04.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I need to do a survey of how people enter TEXT on the THD7.
> The best way for me to accumulate the data would be to ask
> for the percentage of the time that you use these three
> methods.

Pad alphabetics 100% -- BUT IT'M FED UP WITH SHOUTING.

Andy, G8TQH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

122. [htaprs] Re:THD7 Text entry

From: Dave Hungerford <dave@hungerford.cc>
Date: Fri, 15 Oct 1999 06:40:25 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45062-1999.10.15-05.58.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

100 % TTone pad

de Dave N1OLX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

123. [htaprs] Re: THD7 Text entry

From: "Maxwell C. Lee" <n4nwd@bellsouth.net>
Date: Fri, 15 Oct 1999 07:58:12 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45067-1999.10.15-07.12.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> PCT   METHOD
> ---   ------------------------------------
> 80   Do you use the TTone pad alphabetics,
>
> 20   Or the rotoary Dial and OK key
>
>   0   Or Joystick and OK button?
>
> ---

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

124. [htaprs] THD7 Text Statistics

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 15 Oct 1999 09:14:16 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45075-1999.10.15-08.26.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is the result of the survey, with 55 respondents, showing how
everyone enters text messages into the THD7. ALthough the majority
(83%) use the TTone pad, there were a variety of other responses.

NUMBER	KEYPAD	DIAL	JOY STICK
28	100 %		
7	> 95		
8	> 90		
3	> 75		
VE7CBT	50	50 %	
VE3FTA		100	
N6GPS		95	5 %
Dunkel		60	40
G8PWE		50	50
KD4HTW		20	80
N2SXJ	10		90
N5CSU			100
N5TAM	0	0	0

I forgot to ask how many do it with one hand. I find that it is easy to
do the touch tone entry with one hand (Thumb). It is not as fast, but can
be done if the other one is busy... :-)

de WB4APR, Bob

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125. [htaprs] Re: htaprs digest: October 14, 1999 Re: THD7 Text entry

From: "Neil ke6ncx" <ke6ncx@hotmail.com>
Date: Fri, 15 Oct 1999 07:30:18 PDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45083-1999.10.15-09.42.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Jim Baremore <k5qq@juno.com>
>
> > PCT   METHOD
> > ---   ------------------------------------
> > 100   Do you use the TTone pad alphabetics,
>
>Noting of course that you have to use the OK key to advance to the next
>letter

Actually,you don't. At least, I don't on my very-early-production D7A. It
advances after, I believe, 2 seconds.

>Joystick?? is that when you have an external computer connection?

I believe the reference was to the 4 way rocker switch.

I probably use the keypad 70% and the rocker switch 30%, usually both combined in the same text string. I'd forgoten that you can use the rotary switch.

Neil Fullagar KE6NCX

_____
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126. [htaprs] 9600 Baud APRS thoughts

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 15 Oct 1999 10:32:02 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45086-1999.10.15-09.44.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The subject of APRS at 9600 baud comes up occassionally and in doing some thinking about using the new Kenwood Mobile radio via satellites, I came to some conclusions.

  * For conventional USER APRS, the gain is not even double, not the expected factor of 8. With a radio/receiver TX delay of 300ms, and a Mic-E packet length of only 200ms at 1200 baud, the total of 500ms would only be reduced to 325ms or only a reduction to 65%

This is because APRS communicates by individual single packets, each with its own transmitter/receiver delays, not the megabytes of continuous streams of data as in conventional packet.

This is why the main application of 9600 baud to APRS is the streaming of nearly continuous APRServe data on a dedicated channels. Here each packetdoes not have its own delays, there are no digipeaters and there is not contention or collissions. Thus the improvement in througput is 8 times (3 or 5) times (2 or 3) or an improvement in delivery of over 50 to 100 TIMES more traffic...

CONCLUSIONS: We must remeber to always consider the two extremes of APRS data.. First the local RF picture in your operating area and second the worldwide APRS data.

* The APRS "user" or uplink, or "input" channel will likely remain 1200 baud and there is little advantage to change it.

* Linking and backbones at 9600 baud can provide LOTS and LOTS of data. End delivery at 9600 baud on dedicated channels can also be far more effecient... and deliver thousands of stations per minute.

* But, we must not loose sight of the fact that a mobile operator or someone with an HT in an airport can not handle (nor is interested in) such bulk data, other than the stations with whom he is in contact.

Thus, the local user or special event or HT or mobile that does not need and cannot handle out-of-area data is going to remain on 1200 baud for the forseable future. But the remote user or LAPTOP mobile who wants the entire worldwide APRS picture can get it on 9600 baud on server channels.

I guess another way to say it is that the Kenwood Mobile radio in APRS mode (no laptop), listening on a server channel, can fill up its entire 40 memories in under 2 seconds at 9600 baud. Of what value is that, if 2 seconds later its an entirely new 40? I doubt there is any value in increasing memory to 400, or 4000 either. This is still too many to display on a 3 or 5 line screen... APRS in this mobile case is mostly for tracking your local peers (and Messaging as needed worldwide).

CAVEAT: Im not trying to make any predictions, nor necessarily influence efforts in progress, but I just wanted to share some thoughts and some of the underlying quirks in trying to figure out where we are going...

de WB4APR, Bob

Further, the 1200 Baud PACSATS will be able to TRACK *twice* as many mobiles as a 9600 baud bird! Here is why:

   The 9600 baud birds only have one uplink (thus, an aloha channel

with collisions and a throughput of less than 20%)

   The older 1200 baud PACSATS have 4 simultaneous user uplink channels,
so even with ALOHA, the donwlink can be 80% utilized.

But since we have shown that because of TXdelays on individual packets,
9600 baud is no better than a factor of 2, but the 1200 baud satellites
can deliver 4 times more packets, then the 1200 baud pacsats will
demonstrate TWICE the tracking abiilty per pass... The value in 9600 baud
APRS downlinks will be in the continuous "steaming" of messages to
Mobiles. A single UPLINK IGate via a 9600 baud satellite link can deliver
APRS short messages to over 1000 mobiles per pass...

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127. [htaprs] THD7 Text entry

From: KC2EAW@aol.com
Date: Fri, 15 Oct 1999 10:39:25 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45088-1999.10.15-09.51.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Subject: THD7 Text entry
>From: Bob Bruninga <bruninga@nadn.navy.mil>
>Date: Thu, 14 Oct 1999 10:41:28 -0400 (EDT)
>X-Message-Number: 2
>
>I need to do a survey of how people enter TEXT on the THD7.
>The best way for me to accumulate the data would be to ask for the
>percentage of the time that you use these three methods. My answer
>is shown. You may reply with your answers using this form...
>
>de WB4APR, Bob
>
Hi Bob;

PCT   METHOD
---   ------------------------------------
95   Do you use the TTone pad alphabetics,

  5   Or the rotary Dial and OK key

  0   Or Joystick and OK button?

Please note this is when I'm not running pocket APRS which is about 20%
of total mobile operating time, and getting more frequent.

73 de KC2EAW
Dan Speranzo

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128. [htaprs] TH-D7A

From: "Clark A. Lowry N7AAC" <N7AAC@aztenx.org>
Date: Fri, 15 Oct 1999 07:41:33 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45089-1999.10.15-09.54.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

TH-D7A Listed on eBay.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=181401865

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129. [htaprs] Re: TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Fri, 15 Oct 99 16:45:32 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45178-1999.10.15-16.56.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Clark A. Lowry N7AAC wrote:

>TH-D7A Listed on eBay.
>
>http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=181401865

Gee, his starting bid price of $350 sure doesn't leave it much room to be bid up! Of course, knowing e-Bay it will probably sell for $500 when you can buy a new one for under $400!

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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130. [htaprs] Re: Question on the use of dash numbers

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 16 Oct 1999 13:17:04 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45282-1999.10.16-13.23.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Stan S. wrote:

>Are there conventions on the use of dash numbers w/call signs in APRS?

I have polled the main APRSSIG about this question several times & found that "standardization" generally exists in local APRS networks. By this I mean that, as each individual APRS network has developed over the course of time, local users and digi operators decided on using certain SSID's (your "dash numbers") to denote specific types of stations.

As all of these networks matured pretty much exclusive of one another, each arbitrarily decided on using whatever SSID's suited them. So while you will probably find some consistency in SSID use in a particular area, this will probably not correspond to SSID usage in any other area (except as a coincidence).

My intent on collecting this information was to get a feel for the consensus of APRS users nationwide to try to get "national" standardization of SSID's, but I found that there are valid reasons (which I won't get into here) why this wouldn't work (eg: digipeater owners that operate more than one such digi, stations that have a standalone WX station as well as a fixed base station, etc.).

I can say that there has been a general consensus to use -7 for a station that is based on using a TH-D7a/e HT, but even this is only a de-facto standard and is not written in stone (or silicon!). 73

_____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv] !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|

|____|
   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

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131. [htaprs] Re: Question on the use of dash numbers

From: "David Dobbins" <ddobbins@localaccess.com>
Date: Sat, 16 Oct 1999 12:50:02 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45286-1999.10.16-15.03.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Arte, Stan, and the Group. Arte is right, for the most part, the issue of
standardization of SSIDs is a regional issue, if pursued at all. Here in the
northwest APRS we "recommend" the following:

NO SSID = home station
-7 = TH-D7A or other portable
-9 = mobile (with or w/o laptop)
-10 = WIDE digipeater

Other, remaining, SSIDs available per user discretion.
Regards, Dave/K7GPS
NWAPRS Coordinator

----- Original Message -----
From: Arte Booten <n2zrc@webspan.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Saturday, October 16, 1999 5:17 PM
Subject: [htaprs] Re: Question on the use of dash numbers

> Hi all,
>
> Stan S. wrote:
>
> >Are there conventions on the use of dash numbers w/call signs in APRS?
>
>   I have polled the main APRSSIG about this question several times &
> found that "standardization" generally exists in local APRS networks.
> By this I mean that, as each individual APRS network has developed over
> the course of time, local users and digi operators decided on using cer-
> tain SSID's (your "dash numbers") to denote specific types of stations.
>
>   As all of these networks matured pretty much exclusive of one ano-
> ther, each arbitrarily decided on using whatever SSID's suited them. So
> while you will probably find some consistency in SSID use in a particu-
> lar area, this will probably not correspond to SSID usage in any other
> area (except as a coincidence).
>
>   My intent on collecting this information was to get a feel for the
> consensus of APRS users nationwide to try to get "national" standardiza-
> tion of SSID's, but I found that there are valid reasons (which I won't
> get into here) why this wouldn't work (eg: digipeater owners that oper-
> ate more than one such digi, stations that have a standalone WX station
> as well as a fixed base station, etc.).
>
>   I can say that there has been a general consensus to use -7 for a
> station that is based on using a TH-D7a/e HT, but even this is only a
> de-facto standard and is not written in stone (or silicon!).   73
> ____
> |Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
> |PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
> |Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
> |Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
> |____|
>   A new bumper sticker in New York State reads, "Run Hillary, Run!"
> Democrats put it on the rear bumper. Republicans put it on the front.
>
>
>
> ---
> You are currently subscribed to htaprs as: DDOBBINS@LOCALACCESS.COM
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

>

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132. [htaprs] Re: THD7 Text entry

From: "Jack LeBreton" <jack.lebreton@sympatico.ca>
Date: Sat, 16 Oct 1999 20:58:33
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45314-1999.10.16-21.10.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 10/14/99, "Bob Bruninga <bruninga@nadn.navy.mil>" wrote:
> I need to do a survey of how people enter TEXT
> on the THD7.

------------ SNIP ---------------------

> de WB4APR, Bob
>

 PCT   METHOD
 ---   -----------------------------------
  70   Do you use the TTone pad alphabetics,

  30   Or the rotoary Dial and OK key

   0   Or Joystick and OK button?

...I should mention that (without a GPS) updating
my position using the TTone pad and "joystick" is
NOT difficult, one-handed, even while driving on
 freeways...(I know...I know! Fugedit it - the
asbestos suit is on) but once you get to under-
standing the "tones/beeps" you can almost do it
w/o looking at the face...(of course, one keeps
his eye on the road (doesn't he/she?).
   While I'm at it, may I suggest that the status
text be set to something like "monitoring <call
frequency>" to set up a perpetual (and silent)CQ
to those home-based APRS stations.
   Finally - where can one get those breakable
plastic belt clips for a reasonable price?
   Excuse the band-width. 7 3 de VA3JAX.

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133. [htaprs] TH-D7 DASH SEVEN

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 16 Oct 1999 19:18:06 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45316-1999.10.16-21.29.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I USE THE -7 AS PART OF MY THD-7 ID

HAMS IN THE AREA NOW KNOW THAT WHEN I BEACON OUT THE -7 MEANS I AM ON THE
DUALBAND HANDHELD, AND THAT THEY CAN VOICE CONTACT ME ON THE LOCAL UHF
REPEATER, AND IF MY SIGNAL IS WEAK ON UHF OR I CAN'T MAKE THE REPEATER
VOICE, THEY ALREADY KNOW I AM ON THE HT.

IT WAS REALLY SHAKING HERE IN VEGAS AT 2:50 AM THIS MORNING. IT WAS A LONG
ENOUGH QUAKE TO WAKE ME UP, AND HAD TIME TO GET OUT SIDE TO SEE MY TOWER AND
ANTENNAS SWAY, AND HEAR THE WATER FROM THE POOLS SWISH AROUND....

STEVE SCOTT

LAS VEGAS
find me on a map!   go to   www.aprs.net/kd8s-7

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134. [htaprs] Re: THD7 Text entry

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 16 Oct 1999 23:21:25 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-45329-1999.10.16-22.33.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GOod suggestion...

bob

On Sat, 16 Oct 1999, Jack LeBreton wrote:

> On 10/14/99, "Bob Bruninga <bruninga@nadn.navy.mil>" wrote:
> > I need to do a survey of how people enter TEXT
> > on the THD7.
>
> ------------- SNIP ---------------------
>
> > de WB4APR, Bob
> >
>
> PCT   METHOD
> ---   -------------------------------------
>   70   Do you use the TTone pad alphabetics,
>
>   30   Or the rotoary Dial and OK key
>
>   0   Or Joystick and OK button?
>
> ...I should mention that (without a GPS) updating
> my position using the TTone pad and "joystick" is
> NOT difficult, one-handed, even while driving on
> freeways...(I know...I know! Fugedit it - the
> asbestos suit is on) but once you get to under-
> standing the "tones/beeps" you can almost do it
> w/o looking at the face...(of course, one keeps
> his eye on the road (doesn't he/she?).
>   While I'm at it, may I suggest that the status
> text be set to something like "monitoring <call
> frequency>" to set up a perpetual (and silent)CQ
> to those home-based APRS stations.
>   Finally - where can one get those breakable
> plastic belt clips for a reasonable price?
>   Excuse the band-width. 7 3 de VA3JAX.
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

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135. [htaprs] Power for 'D7 and VC-H1

From: Dr Kevin Johnston <kj_anaes@seol.net.au>
Date: Sun, 17 Oct 1999 04:02:42 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45332-1999.10.16-23.12.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As you may know the VC-H1 sstv unit for the D7 has fierce power
consumption (650 mA with the camera running) and is supplied by only 4
AA dry batteries (or an external 6V source if you can find the power
plugs to fit -I can't in VK). A set of cells lasts no-time flat. The
unit is also VERY voltage sensitive and cannot be run from NiCd cells
(1.2V/cell) as is stated in the manual.

I have been running my unit on RECHARGEABLE ALKALINE cells (1.5v/cell)
with ease. These cells are easily available at moderate cost and can be
recharged over 500 times. This is proving a very cost-effective way of
keeping the unit "fed".

Regarding power for the 'D7 itself I have a question?

The mains charger supplies 11.5 V to recharge the NiCd pack. The unit
can also be supplied with external DC power via the SAME SOCKET as the
charger using the PG-2W lead with anything from 5.5 - 16 V apparently.

How is the power/charger circuitry arranged in the 'D7?
Will external DC charge the NiCd and if so what is there to prevent
overcharging or overheating as it will be impractical to operate the
unit without the NiCd pack attached?
Is the charger a constant current type and does the charger only feed
the NiCd pack when the 'D7 is switched off?

Finally does anyone know the actual size or spec for the power plug as I
cant find these here in VK either?

Kevin Johnston VK5KJ
Mount Gambier, South Australia

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136. [htaprs] APRS/GPS and speed

From: Dr Kevin Johnston <kj_anaes@seol.net.au>
Date: Sun, 17 Oct 1999 04:25:36 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45336-1999.10.16-23.55.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It is rumoured here that some of the "cheaper" GPS units intended for
motor vehicles and walkers etc. are programmed so that they cannot
display a speed exceeding 99 (of what ever units are selected). It has
been suggested that this is intended to limit the use of terrestrial GPS
units aboard light aircraft (almost all light aircraft will exceed 99
Kts in the cruise)- probably an understandable commercial decision to
encourage VFR pilots to buy more expensive models intended for "light"
aviation use.

I have however read with interest the accounts and discussions of use of
GPS units on commercial "heavy" aircraft which will far exceed this
speed.

CAN ANYONE CONFIRM OR DISCOUNT THE RUMOURS REGARDING MAXIMUM DISPLAYED
SPEED FOR COMMON HAND HELD (non-aviation) GPS??

Kevin VK5KJ
Mount Gambier, South Australia

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137. [htaprs] aprs net sunday oct 17

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 17 Oct 1999 09:18:26 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45383-1999.10.17-11.29.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i know the net was down a week or so ago...

i just tried to find my self at

http://maps.aprs.net/kd8s-7

and i get error page cant find site...

on the western us map i can see me so the i gate operator is on..

any ideas?

steve las vegas

find me on a map! go to www.aprs.net/kd8s-7

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138. [htaprs] Re: aprs net sunday oct 17

From: Greg Noneman <greg@clubnet.net>
Date: Sun, 17 Oct 1999 10:13:23 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45397-1999.10.17-12.26.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You've got an extra letter in your address (map not maps). You should
enter:

http://map.aprs.net/kd8s-7

That will work.

Greg
WB6ZSU

>i know the net was down a week or so ago...
>
>i just tried to find my self at
>
>http://maps.aprs.net/kd8s-7
>
>
>and i get error page cant find site...
>
>on the western us map i can see me so the i gate operator is on..
>
>any ideas?
>
>
>
>steve las vegas
>
>
>find me on a map+ACE- go to www.aprs.net/kd8s-7
>
>
>---
>You are currently subscribed to htaprs as: GREG@CLUBNET.NET
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Re: aprs net sunday oct 17

From: Valentino Sarro <sarrov@home.com>
Date: Sun, 17 Oct 1999 11:30:26 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-45399-1999.10.17-12.42.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I guess the use of the map function is map.aprs.net/callsign?

Apparently, Steve's machine was setup previously to use either:

map.aprs.net/callsgin

or

maps.aprs.net/callsign

Tino, VE6SZR

Greg Noneman wrote:

> You've got an extra letter in your address (map not maps). You should
> enter:
>
> http://map.aprs.net/kd8s-7
>
> That will work.
>
> Greg
> WB6ZSU
>
> >i know the net was down a week or so ago...
> >
> >i just tried to find my self at
> >
> >http://maps.aprs.net/kd8s-7
> >
> >
> >and i get error page cant find site...
> >
> >on the western us map i can see me so the i gate operator is on..
> >
> >any ideas?
> >
> >
> >
> >steve las vegas
> >
> >
> >find me on a map+ACE-   go to   www.aprs.net/kd8s-7
> >
> >
> >---
> >You are currently subscribed to htaprs as: GREG@CLUBNET.NET
> >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
> ---
> You are currently subscribed to htaprs as: sarrov@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] sunday 1230pm pacific

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 17 Oct 1999 12:27:55 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45411-1999.10.17-14.39.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

heading out for a walk on east las vegas with my tracker in case anyone
wants to see me walking, be out for a few hours

magellan meridian xl and th-d7

73

find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] Can the TH-D7A or new Kenwood receive 9600 FSK satellites

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 17 Oct 1999 08:04:14 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45413-1999.10.17-15.55.14--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Both the Kenwood TH-D7A and the announced new Kenwood transceivers support
9600 satellites. Does that mean I don't need an external 9600 FSK modem
such as a Paccomm modem.

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

142. [htaprs] TH-D7A and packet operation

From: "Jack LeBreton" <jack.lebreton@sympatico.ca>
Date: Sun, 17 Oct 1999 16:24:25
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45414-1999.10.17-16.36.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Problems!!! Briefly, here is what is occurring:
After two successful connects to packet stations,
with msgs left, I was informed that:

          "bbRAM loaded with defaults"

What is to be done when that happens? An automatic
"reset" was performed by the HT's TNC but no "connects"
were allowed.

Thanx in advance,
7 3 de Jack, VA3JAX

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] Re: Can the TH-D7A or new Kenwood receive 9600 FSK satellites

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 17 Oct 1999 18:30:41 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-45419-1999.10.17-17.43.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 17 Oct 1999, Richard Parry wrote:

> Both the Kenwood TH-D7A and the announced new Kenwood transceivers support
> 9600 satellites. Does that mean I don't need an external 9600 FSK modem
> such as a Paccomm modem.

Yes, just tune in 435.12 or 435.17 (i think) or 436.5 whenever a 9600 baud
bird is overhead and you will reeciev packets out theserial port...

But the THD7 cannot transmit Data crossband. But it is good for receive.
The new radio can operate crossband and will work the satllites as is..

bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] Re: sunday 1230pm pacific

From: Jack LeBreton <jack.lebreton@sympatico.ca>
Date: Sun, 17 Oct 1999 18:43:12 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45420-1999.10.17-17.55.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Scott:
    Saw you out walking, today. Does your msg (below) imply that you have
CONNECTED
the Magellan XL up to the TH-D7?? or do you manually enter pos?
    Regards,

and 7 3 de Jack, VA3JAX

STEVE SCOTT LAS VEGAS wrote:

> heading out for a walk on east las vegas with my tracker in case anyone
> wants to see me walking, be out for a few hours
>
> magellan meridian xl and th-d7
>
> 73
>
> find me on a map+ACE-   go to   http://map.aprs.net/kd8s-7
>
> ---
> You are currently subscribed to htaprs as: jack.lebreton@sympatico.ca
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

145. [htaprs] Thd7a and Street atlas version 6

From: "Daryl Salangron" <broadhead@aol.com>
Date: Sun, 17 Oct 1999 17:55:15
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45421-1999.10.17-18.07.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm interested in getting my TH-D7A to work with APRS+ Street Atlas version
6,but it seems I can't get it to "fire up". I have seen versions 4 & 5 and
they work fine. Can anyone can help me?
I've heard the Sproul's had a CD with detail street-level maps, but don't
produce them any more. Is it possible to get a CD or find the information
on internet? Thanks for any help you can give me..

Best Regards,
Daryl, kf6keg

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

146. [htaprs] Re: aprs net sunday oct 17

From: Skip Allison <Skip.Allison@Motorola.com>
Date: Mon, 18 Oct 1999 08:59:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45476-1999.10.18-09.13.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually there has been a change. The correct format now is:
http://www.aprs.net:8000/CALL

Skip
K9SA

Valentino Sarro wrote:
>
> I guess the use of the map function is map.aprs.net/callsign?
>
> Apparently, Steve's machine was setup previously to use either:
>
> map.aprs.net/callsgin
>
> or
>
> maps.aprs.net/callsign
>
> Tino, VE6SZR
>
> Greg Noneman wrote:
>
> > You've got an extra letter in your address (map not maps). You should
> > enter:
> >
> > http://map.aprs.net/kd8s-7
> >
> > That will work.
> >

> > Greg
> > WB6ZSU
> >
> > >i know the net was down a week or so ago...
> > >
> > >i just tried to find my self at
> > >
> > >http://maps.aprs.net/kd8s-7
> > >
> > >
> > >and i get error page cant find site...
> > >
> > >on the western us map i can see me so the i gate operator is on..
> > >
> > >any ideas?
> > >
> > >
> > >
> > >steve las vegas
> > >
> > >
> > >find me on a map+ACE-   go to   www.aprs.net/kd8s-7
> > >
> > >
> > >---
> > >You are currently subscribed to htaprs as: GREG@CLUBNET.NET
> > >To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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> >
> > ---
> > You are currently subscribed to htaprs as: sarrov@home.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> ---
> You are currently subscribed to htaprs as: Skip.Allison@motorola.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

147. [htaprs] TH-D7A and 9600 FSK satellites

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 18 Oct 1999 10:08:35 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45479-1999.10.18-09.21.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> What do you mean will work satellites as is?
> No mods for satellite workie? Very interesting.

Yes, the reason I have become an overnight Satellite Junkie (this last
year) is that the THD7 will receive the downlink from any of the 9600 Baud
satellites (18 times a day, anywhere, anytime) as is. All you need is a
small gain antenna... 3 or 4 elements on 435 MHz...

bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

148. [htaprs] Re: aprs net sunday oct 17

From: Paul Womble <pwomble1@tampabay.rr.com>
Date: Mon, 18 Oct 1999 10:17:32 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-45480-1999.10.18-09.25.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been using:

http://map.aprs.net/aj4y-9

for the last several days and it is working fine.

73

Paul AJ4Y

--
Lakeland Amateur Radio Club:
http://www.qsl.net/k4lkl
Polk County Chapter American Red Cross:
http://www.redcross.org/fl/polkcounty
AJ4Y info page:
http://www.qsl.net/aj4y

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] Re: aprs net sunday oct 17

From: Greg Noneman <greg@clubnet.net>
Date: Mon, 18 Oct 1999 08:18:34 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45490-1999.10.18-10.31.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The more complicated URL was only temporarily needed after the
ilnorth.aprs.net server went off-line. Now that a replacement server is
on-line, the original map.aprs.net/"callsign" format is again valid.

Again, to clarify. The format for the web-based APRServe Map Server is:

http://map.aprs.net/"callsign"

where "callsign" is replaced by the callsign of the station you are
interested in locating.

Greg
WB6ZSU

>Actually there has been a change. The correct format now is:
>http://www.aprs.net:8000/CALL
>
>Skip
>K9SA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] Re: TH-D7A/Palmtop and packet operation

From: Jack LeBreton <jack.lebreton@sympatico.ca>
Date: Mon, 18 Oct 1999 11:20:45 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45492-1999.10.18-10.35.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GM to the sig:

I had recently asked for an explanation of:

      "bbRAM loaded with defaults"

-an error msg that occurred while sending packets.

I believe that I have that one figured out: it relates
(somehow) to a low battery level. Once battery was
recharged, no problem.

Now I have a further problem that I am pleading for
some help with:
    I can run packet from the -D7A really well using my
desktop and HYPERTERM.

    I don't want to run packet from my desktop only, though;
this is where my request for assistance gets narrowed down
because I need to run packet from my Sharp Zaurus ZR-5800,
which also communicates and tranfers text files through to
my desktop which is using HYPERTERM.

My problem?? - I can't get the -D7A to communicate with the Zaurus ZR-5800. Does anyone have any experience with the D7A/ZR-5800 combination? Additionly, I've tried null modems with no luck.

Thanx, in advance, for any assistance on this matter.

7 3 de Jack, VA3JAX

P.S. Gonna be travelling to Fla. next week - how do I identify myself using the -D7A ?

151. [htaprs] Re: 9600 Baud APRS thoughts

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Mon, 18 Oct 1999 11:45:17 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45517-1999.10.18-12.58.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga bruninga@nadn.navy.mil wrote:

>The subject of APRS at 9600 baud comes up occassionally and in doing some
>thinking about using the new Kenwood Mobile radio via satellites, I came
>to some conclusions.

>* For conventional USER APRS, the gain is not even double, not the
>expected factor of 8. With a radio/receiver TX delay of 300ms, and
>a Mic-E packet length of only 200ms at 1200 baud, the total of 500ms
>would only be reduced to 325ms or only a reduction to 65%

Actually while perusing the test data that appears in QST magazine, I saw that the picture is not quite so gloomy. Here's a sampling from the November 1996 issue:

Equipment	TX-RX delay	RX-TX delay	9600 compatible?
ADI AR-146	48 ms	75 ms	standard
Alinco DR150T	100	165	not std
ICOM IC-2000	170	125	not std
Kenwood TM261A 200	83	not std	
Radio Shack HTX242	120	67	not std
TenTec T-Kit 1220	55	25	not std
Yaesu FT-3000M 50	75	standard	

While a net 9600 baud improvement of 2.75X (75 + 25 vs. 75 + 200) is within an easy reach on the technical side, it would hardly be worth the enormous cost of upgrading some of the radios and most of the TNCs if we were to do it today.

But it would probably be a mistake to assume that 1200 will forever serve us well as the user base continues to expand. If we make the case to the manufacturers today, the picture a few years from now could be quite a bit different.

How much improvement is available with existing circuit designs? Though I haven't yet been able to find out if a modification could enable one to adapt the Yaesu VX-5R for use at 9600, its May 1999 QST test shows an RX-TX delay of only 15 msec for VHF, and a miniscule 3 msec on UHF (this gives a 7.25X improvement for 9600 if it could be used). That's the fastest I've ever seen for a synthesized radio. It will be interesting to see how well Yaesu might do if they introduce a competitor to the TH-D7.

Speaking of which, the TH-D7 does better than average at 75 msec on VHF (2.75X benefit for 9600) and 57 msec for UHF (3.1X). See the August 1999 QST test.

73,
Tony Arnerich KD7CEJ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

152. [htaprs] Re: TH-D7A and 9600 FSK satellites

From: "Wayne H. Sanderson" <whsander@erols.com>
Date: 18 Oct 1999 19:45:33 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45537-1999.10.18-14.59.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Roger Sellers Sayeth:
>I'm seeing bits and pieces of information here about what >will work, what might work, and what maybe

possible in the >future. My thought is that maybe, we as a collective group, >can start to build some sense out of what it will take exactly >to build a APRS station capable of working the satellites >either at home or on the road.

Bob B. Sayeth:
>Yes, the reason I have become an overnight Satellite Junkie >(this last year) is that the THD7 will receive the downlink >from any of the 9600 Baud satellites (18 times a day, >anywhere, anytime) as is. All you need is a small gain >antenna... 3 or 4 elements on 435 MHz...
and:
>Only the 1200 Baud PACSATs will receive this modulation. It is the UPLINK >modulation that the user transmits. The satelite downlinks PSK

I was reading and wondering whether a low cost accessory device might not work here. I am correct in reading that only Your uplinked posit need be in 1200 baud FSK Manchester? If so, a whole second TNC just for shooting these sats is a waste. Would something like this be feasable?

A Mic-E or Pic-E with an FSK modem chip and Manchester built in, except that you need not rig it to a microphone, just set it up so you can manually trigger a packet transmission. Connect the GPS to it, not the D7. Connect the Mic-E or Pic-E to the D7 through the Mic jack, just like half of an old style TNC to HT setup. Make up one of those 'Cheap Yagi's' that have been in CQ VHF this past year, except you make it a double with a VHF rod for transmit and a UHF rod next to or over the first for reception, with a manual switch in the cable to hop to the VHF yagi for transmission, UHF for receive. Mount the button for packet transmission on the handheld yagi's pistol grip. Plug a headset into the still vacant speaker jack. Voila, portable two way satellite rig. You manually transmit a position packet in 1200 FSK Manchester without modifying or even using the D7s internal TNC, and the D7 receives the 9600 PSK satellite downlink and decodes APRS packets, just like the listen only rig Bob B. uses, because it still is. We just use a cheap gimmick to get the D7 to transmit a simple uplink packet.

I am not a technician, just an idea man. What about the above won't work? Will the D7 successfully transmit a packet burst generated by an external device through the Mic Jack?

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

153. [htaprs] ht belt clips

From: "Leon Ciereszko" <n4tcw@hotmail.com>
Date: Mon, 18 Oct 1999 23:43:30 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45573-1999.10.18-18.55.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is a belt clip used by many Nokia cell phones that has as circular tab that attaches to the unit and a clip that goes on the belt. This arangement allows the unit to swivel when you sit down and releases with a push of a button. This is a very common clip which is also used by the PP3 holder.
Best Buy sells a set with a clip and two self-adhiseve tabs for usd 4.99.

Lee N4TCW

_____
Get Your Private, Free Email at http://www.hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

154. [htaprs] Re: ht belt clips

From: "Harry Burford" <hburford@airmail.net>
Date: Tue, 19 Oct 1999 00:31:28 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45647-1999.10.19-00.43.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We are using these clips to carry wireless PBX phones around the office at work. From LOTS of experience, yes they will swivel when you sit down, but if you catch the radio on the arm of the chair on the way down, plan to have an unbroken spare clip handy. Also, not all clips are created equal. Some of the early belt clip portions were not molded together very substantial. Also, some of the metal case portions had some sharp edges that rubbed the belt clip snap down kind of like sand paper. And, not all clips are created equal with respect to size and shape. One brand may not fit into another brand clip. If you get a clip, get a couple of spare belt portions, too. You should be happy with the arrangement. Remember, a radio on the belt is very prone to reduced range due to body block. Make sure the radio faces the station you are working. This isn't a factor with the PBX phones since

there is overlap coverage on the zone transceivers and you get handed off to
which ever ZT you can hit.

Harry, KAØTTY

----- Original Message -----
From: Leon Ciereszko <n4tcw@hotmail.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Monday, October 18, 1999 6:43 PM
Subject: [htaprs] ht belt clips

There is a belt clip used by many Nokia cell phones that has as circular tab
that attaches to the unit and a clip that goes on the belt. This arangement
allows the unit to swivel when you sit down and releases with a push of a
button. This is a very common clip which is also used by the PP3 holder.
Best Buy sells a set with a clip and two self-adhiseve tabs for usd 4.99.

Lee N4TCW

_____
Get Your Private, Free Email at http://www.hotmail.com

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---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

155. [htaprs] TH-D7 las vegas

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Tue, 19 Oct 1999 06:56:04 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45680-1999.10.19-09.07.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I sent out a message Sunday on the sig that I was going out for a walk for
a few hours with my thd-7 and meridian xl GPS beaconing out position.

i have a problem getting good hits into the digi here in Vegas when walking.

I put together a mickey mouse experiment to bounce my ht signal off those
metal light poles.

i made a reflector, director and could space my ht at a distance to get
some gain out of the wire elements and use the light pole to point my signal
in the direction of the digi. well it worked good.

i could get a confirmed hit to the digi each time with this method.

then for the heck of it i put the ht flex antenna at 18 inches from the
light pole a , quarter wave, and tried that idea, no luck.

i then placed the flex radiator right up to the light pole and the digi got
the signal.

it worked at each and every light pole i went to. so i used the light pole
to receive the induced rf off the antenna, it for sure could not have been
resonate but it worked that all i know.

i went to areas where i could never hit the digi, and it worked.

of course i experimented different things like metal fences, dor frames it
would not work. flag poles that are metal worked great.

try it and see if it works for you...metal street light poles, put the flex
insulated antenna horizontal right up to the light pole....

my idea was it gets me out in areas where i could not digi before, and i
don,t have to carry a better antenna.

73

find me on a map! go to http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] Oh my - new Palm platform!

From: "Tim Russell" <timruss@home.com>
Date: Tue, 19 Oct 1999 17:11:49 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45778-1999.10.19-17.26.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Goodness, but things are getting hectic since Palm started licensing the
PalmOS....

TRG, makers of FlashPro etc, have announced the TRGPro handheld organizer,
which looks like a Palm III but has - wait for it - a CompactFlash slot.
This opens up things like: lots of flash storage, extra serial ports,
ethernet (!) and, wildest of all, 340 megabyte MicroDrives made by IBM.

It has a serial interface, unlike the Handspring units which apparently are
USB-only.

Heavens - can you say "PalmAPRS with street-level detail of the entire USA?"
I thought you could!

Tim, N0ZHY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

157. [htaprs] Re: Oh my - new Palm platform!

From: John Sullivan <jbs@quickturn.com>
Date: Tue, 19 Oct 1999 17:04:05 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45792-1999.10.19-19.16.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Handspring Visor has both USB and RS-232 serial interfaces on its
sync connector, which, by the way, is not compatible with the Palm
sync connector. One of the modules previewed for the Springboard
expansion slot is a GPS receiver.

John WD6BTP

> From: "Tim Russell" <timruss@home.com>
> To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
> Subject: [htaprs] Oh my - new Palm platform!
> Date: Tue, 19 Oct 1999 17:11:49 -0500
>
> Goodness, but things are getting hectic since Palm started licensing the
> PalmOS....
>
> TRG, makers of FlashPro etc, have announced the TRGPro handheld organizer,
> which looks like a Palm III but has - wait for it - a CompactFlash slot.
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> ethernet (!) and, wildest of all, 340 megabyte MicroDrives made by IBM.
>
> It has a serial interface, unlike the Handspring units which apparently are
> USB-only.
>
> Heavens - can you say "PalmAPRS with street-level detail of the entire USA?"
> I thought you could!
>
> Tim, N0ZHY

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

158. [htaprs] Yet another D7 control program

From: Jonathan Hanna <pangolin@home.com>
Date: Tue, 19 Oct 1999 18:35:13 -0700 (PDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45803-1999.10.19-20.47.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In attempting to learn TCL and a little about Ham radio, I have
written an expectk script to control the TH-D7. This is a GUI
for the D7 that runs on Unix and possibly any platform with
expectk and a serial port.

At the moment basic radio functions can be used but many things
still need a lot of fleshing out, especially APRS. Not for
the faint of heart, but ready for goofing around with by
those interested, and I am not sure if I will be able to do any
work on it in the near future.

Feedback appreciated.

The "tkd7" script and a screen-shot can be found at:

        http://www.qsl.net/ve7yjh/tkd7/

Jonathan Hanna <pangolin@home.com>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

159. [htaprs] th-d7 street light pole reflector

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 20 Oct 1999 06:53:20 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45909-1999.10.20-09.04.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I tried that idea of inducing rf into the metal street light pole yesterday,
down in henderson, a place south east of Las Vegas where the digi I shadowed
by a mountain range . forgetting the mismatch and non resonant condition
that exists, putting the rubber flex radiator horizontal to the metal street
light pole, gets me into the digi every time.

running 5 watts on the th-d7

I am sure experimenting with this and then a technical analysis would reveal
why it works and the effects of current feed into the pole, but I permits
me, perhaps you, to get into the digi in your area if you are out walking
and want to hit the digi.

give it a try.

73

Steve Scott
Las vegas
find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

160. [htaprs] APRS to the rescue (sort of!)

From: "Tom Clarke" <fclarke@erols.com>
Date: Wed, 20 Oct 1999 18:43:30 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46216-1999.10.22-10.41.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tuesday afternoon, enroute from Sugarloaf, Maine to my home in Maryland,
I managed to get slightly off the trail in the Bronx. Since I hadn't
planned on a tour of Fordham Univ, I was anxious to find the George
Washington Bridge and continue my trip.

A quick glance at my D7 showed a message waiting. Hmmm? Let's check it out.
Seems like N2ZRC wants to talk to me on 146.52.

A quick QSY and here I am talking to one of the denizens of this group, Arte
Booten! Seems that he saw me wandering about the Bronx and sent me a msg.
This has got to be a great system!

We had a nice chat and Arte talked me through the intricacies of getting
onto the GW. Thanks, Arte, the Express was definately better than the
bottom deck, traffic-wise!

Too bad the servers were down, as my wife usually tracks my progress. My
son takes great delight in calling me on the cell phone to ask if I enjoyed
my dinner!!

73 de Tom/W4OKW

By the way, APRS pretty much stops North of the NH line on I-95, although I
did get a few hits in the Augusta area. If anyone is listening up there,
someone has MYCALL set as WIDE and needs to plug in a real callsign!! The
rest of the way is pretty much solid to the South via
I-95/I-495/I-290/I-84/Wilbur Cross/Merritt
Pkwy/I-95/NJTP/US-13/US-301/Annapolis/Pax River

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

161. [htaprs] TH-D7 Trouble

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Sat, 23 Oct 1999 11:54:36 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46305-1999.10.22-21.09.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is Rod VK4YFN I bought a Kenwood TH-D7 in the States two weeks
ago, Now I have a problem with HT .
When I press on keypad POS key all my memory dissappeared, and it
locked up. It does not want to reset - no function at all. I have to
disconnect battery and enter all memories back in again. Is there any
station who knows the answer to fix this problem. To difficult to send
back to Texas Towers . Please send E mail to VK4GO
--
Name   : Art.van.Esch
Url   : http://www.winshop.com.au/vk4go
location   : Surfers-Paradise
Country   : Australia 4217
Callsign   : VK4GO
ICQ   : 139612

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

162. [htaprs] Re: TH-D7 Trouble

From: RASNM@aol.com
Date: Fri, 22 Oct 1999 23:53:21 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46314-1999.10.22-23.06.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 10/22/99 6:58:44 PM US Mountain Standard Time,
surf@winshop.com.au writes:

<< When I press on keypad POS key all my memory dissappeared >>

Send email to Kenwood, via the Kenwood web page. I had to send mine in for a
failed speaker. 73-ron- kd5hty

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

163. [htaprs] Re: APRS to the rescue (sort of!)

From: Arte Booten <n2zrc@webspan.net>
Date: Fri, 22 Oct 1999 19:04:49 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46336-1999.10.23-05.56.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Tom Clarke (not Tom Clark) wrote:

>I managed to get off the trail in the Bronx. I was anxious to find the
>George Washington Bridge and continue my trip. A quick glance at my D7
>showed N2ZRC wants to talk to me on 146.52. Seems he saw me wandering
>about the Bronx and sent me a msg.

Most people here know that I'm an avid user of APRSDos, rather than WinAPRS or APRSPlus, for various reasons I won't get into here. But I'd like to point out that my noticing Tom's error would have been guesswork on my part had I been limited to Bob B's map distributions.

The maps I used I made. They've been posted at TAPR (nynyc01.zip) for some time. APRSDos maps aren't particularly difficult to make using tools available to anyone using a computer that runs MS-DOS. The files that are used to create these maps are available via anonymous FTP, or they can be purchased on a CD.

Have any of you fellow APRSDos users wished for more detailed maps than are currently available for a given area? Are you waiting for some other ham to make them? Why? Much of the mapmaking process is, or can be, fairly automated. Jack Cavanaugh's Mk100k series of programs take the raw data (from the CD or internet) and can create one, four, nine or any user-selected grid of maps for whatever area the files you have cover. Map radius, level of detail and overlap factor are mapmaker-selectable variables.

Once the raw maps are made, each "map" should (in some cases, must) then be opened in Bob B's MapFix program. This allows the maker to winnow out extraneous points in the maps (which are limited to 3000 points) and trim any points outside of the maps borders. The maker then has the option of saving the map in normal, line or compressed format. While a compressed format map may not have embedded labels (as I recall), they are significantly smaller files than the other formats and load faster, particularly on older (386, 286, etc) machines. Personally, I think the only reason to keep a map as a "user" in normal format is either that it is only an intermediate step for further tweaking, or as simple laziness on the part of the maker. This, of course, doesn't apply to maps made before the newer formats existed!

Are you an APRSDos user that's dissatisfied with the level of detail in available maps? Then fix it! Make some. Once you're satisfied with them, share them with the rest of us by uploading them to the TAPR upload area ... and don't forget to send (separately) a text file with the same file prefix (eg: nynyc01.zip & nynyc01.txt) describing what the file is.

BTW, APRSDos includes several README files on this subject. One of them, although not obviously so, is COUNTIES.TXT, which describes how to embed WX-WARN county alert data in the map(s) so that qualified SKYWARN personnel can "light up the counties". Mk100k used to be included in Bob's distributions, but must now be downloaded separately, and is also available at TAPR. 73

_____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|____|

  A new bumper sticker in New York State reads, "Run Hillary, Run!"
Democrats put it on the rear bumper. Republicans put it on the front.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

164. [htaprs] RE: TH-D7 Trouble

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sat, 23 Oct 1999 08:48:44 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-46354-1999.10.23-11.00.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have had my TH-D7A hang up several times in the past. It usually hangs up at the most inopportune time. I have also had it change the offset to some weird values on certain individual memory stations at times. These can be fixed by changing the offset back to the desired values.

Twice I have had to do a hard reset in order to bring it to life again and twice I have been able to get it to come to life by just disconnecting the battery and then reconnecting it again. With the hard reset comes a complete reprogramming which is really a pain IF YOU DO NOT HAVE THE KENWOOD PROGRAM to reprogram your HT. Fortunately, I downloaded this program from the Kenwood site and took the time to program my entire memory into this program. Now when I do a hard reset, it only takes a minute to reprogram the entire HT. I consider this a must for our new multi-hundred memory channel HT's.

I presume the problems are either problems with the software in the TH-D7A or just by the virtue that microprocessors tend to hang up once in a while. Kenwood has sent me an email before on this problem that they wanted to talk to me about these problems, and even asked for the best time to call me. To date, I have not received a call from them.

Bottom line is to get a software program that will reprogram your fancy new HT's and spend the time to enter all your info into this program, then when your HT hangs up and you need to do a hard reset, it will be painless to reprogram your HT. You also want to keep pertinent programming info and frequencies with you when you in a remote area, like the mountains, so if it does hang up while you are away and do not have access to your computer, you can manually program in the stations that you may need for this trip.

Despite these few minor inconveniences of my TH-D7A, I really love this radio and would not want to trade it for any other HT. It is a really neat, high tech toy!

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Art.van.Esch
> Sent: Friday, October 22, 1999 6:55 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] TH-D7 Trouble
>
>
> This is Rod VK4YFN I bought a Kenwood TH-D7 in the States two weeks
> ago, Now I have a problem with HT .
> When I press on keypad POS key all my memory dissappeared, and it
> locked up. It does not want to reset - no function at all. I have to
> disconnect battery and enter all memories back in again. Is there any
> station who knows the answer to fix this problem. To difficult to send
> back to Texas Towers . Please send E mail to VK4GO
> --
> Name   : Art.van.Esch
> Url   : http://www.winshop.com.au/vk4go
> location   : Surfers-Paradise
> Country   : Australia 4217
> Callsign   : VK4GO
> ICQ   : 139612
>
>
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

165. [htaprs] RE: APRS to the rescue (sort of!)

From: "Braaten, Ed" <ed.braaten@intel.com>
Date: Sat, 23 Oct 1999 13:51:16 -0700

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46378-1999.10.23-16.03.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This reminds me of my wife's recent trip to AZ. She was running her D7 (KF6QHT-7) as a tracker into an external 5/8 mobile antenna. On day two of her trip she got turned around in LA and was trying to figure out the best way to get back on I-10 East. I took a quick look at my WinAPRS Precision Map window here in Sacramento some 300+ miles away and was able to give her exact directions to the freeway from where she was beaconing. :-)

The only gap in her track from Sacramento to Phoenix was the desert area on the stretch of I-10 about 100 miles both sides of Blythe, CA. Like Tom's son below, I had a lot of fun calling them up everytime they made a pit stop and wishing them bon-appetit... ;-)

Ed Braaten, K6EKB
Sacramento 2M Repeater: 146.910 MHz/PL 100Hz
mailto:k6ekb@arrl.net <mailto:389-8711mailto:k6ekb@arrl.net> |
http://home.sprynet.com/~ekb/

-----Original Message-----
From: Tom Clarke [mailto:fclarke@erols.com <mailto:fclarke@erols.com>]
Sent: 20 October 1999 15:44
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] APRS to the rescue (sort of!)

On Tuesday afternoon, enroute from Sugarloaf, Maine to my home in Maryland, I managed to get slightly off the trail in the Bronx. Since I hadn't planned on a tour of Fordham Univ, I was anxious to find the George Washington Bridge and continue my trip.

[rest removed]

166. [htaprs] Precision Maps

From: "Dreux B. Jacques" <kb8yya@tir.com>
Date: Sat, 23 Oct 1999 23:19:38 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46408-1999.10.23-22.34.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello everyone. I read your messages everyday and by just sitting back and "reading the mail", i've solved every problem so far encountered. Someone has always answered my questions.
Now I have a question I haven't seen yet. I am a user of both DosAprs and WinAprs and love both. I can not find locally a supplier for Precision mapping ver 3.5. I have been told this is the last release that can be used w/ WinAprs. Any
help appreciated.
Everyone keep up the good work on moving APRS forward.

Dreux B. Jacques, KB8YYA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

167. [htaprs] RE: TH-D7 Trouble

From: tyeatman <tyeatman@aei.ca>
Date: Sat, 23 Oct 1999 17:20:09 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-46411-1999.10.23-22.48.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Herb and Rod, I had problems with the radio's programming getting messed up too and eventually got the program from the Kenwood side to save the HT's setting and even change them. Had to do at least 2 full resets and maybe 10 partial. This all ended one day about 2 months ago when the inline fuse in the external power cable which I made blew. Replaced it and it blew again. Opened up the connector(it was an elcheapo) and it had shorted out. Got a proper connector and have not had a problem since.

Moral of the story is check connections!!!

"Herb Gerhardt, KB7UVC" wrote:
>
> I have had my TH-D7A hang up several times in the past. It usually hangs up
> at the most inopportune time. I have also had it change the offset to some
> weird values on certain individual memory stations at times. These can be
> fixed by changing the offset back to the desired values.
>
> Twice I have had to do a hard reset in order to bring it to life again and
> twice I have been able to get it to come to life by just disconnecting the
> battery and then reconnecting it again. With the hard reset comes a
> complete reprogramming which is really a pain IF YOU DO NOT HAVE THE KENWOOD
> PROGRAM to reprogram your HT. Fortunately, I downloaded this program from
> the Kenwood site and took the time to program my entire memory into this
> program. Now when I do a hard reset, it only takes a minute to reprogram
> the entire HT. I consider this a must for our new multi-hundred memory
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>
> I presume the problems are either problems with the software in the TH-D7A
> or just by the virtue that microprocessors tend to hang up once in a while.
> Kenwood has sent me an email before on this problem that they wanted to talk
> to me about these problems, and even asked for the best time to call me. To
> date, I have not received a call from them.
>
> Bottom line is to get a software program that will reprogram your fancy new
> HT's and spend the time to enter all your info into this program, then when
> your HT hangs up and you need to do a hard reset, it will be painless to
> reprogram your HT. You also want to keep pertinent programming info and
> frequencies with you when you in a remote area, like the mountains, so if it
> does hang up while you are away and do not have access to your computer, you
> can manually program in the stations that you may need for this trip.
>
> Despite these few minor inconveniences of my TH-D7A, I really love this
> radio and would not want to trade it for any other HT. It is a really neat,
> high tech toy!
>
> Herb, KB7UVC
> NW APRS Group, West Sound Coordinator
> www.nwaprs.org <http://www.nwaprs.org>
>
> > -----Original Message-----
> > From: bounce-htaprs-9461@lists.tapr.org
> > [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Art.van.Esch
> > Sent: Friday, October 22, 1999 6:55 PM
> > To: TAPR HT APRS Special Interest Group
> > Subject: [htaprs] TH-D7 Trouble
> >
> >
> > This is Rod VK4YFN I bought a Kenwood TH-D7 in the States two weeks
> > ago, Now I have a problem with HT .
> > When I press on keypad POS key all my memory dissappeared, and it
> > locked up. It does not want to reset - no function at all. I have to
> > disconnect battery and enter all memories back in again. Is there any
> > station who knows the answer to fix this problem. To difficult to send
> > back to Texas Towers . Please send E mail to VK4GO
> > --
> > Name   : Art.van.Esch
> > Url   : http://www.winshop.com.au/vk4go
> > location   : Surfers-Paradise
> > Country   : Australia 4217
> > Callsign   : VK4GO
> > ICQ   : 139612
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: gerhardt@hctc.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
> ---
> You are currently subscribed to htaprs as: tyeatman@aei.ca
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
[Attachment: tyeatman.vcf; text/x-vcard; 203 bytes]

168. [htaprs] HELP!!!!

From: Jim Duncan <ku0g@kcaprs.org>
Date: Sun, 24 Oct 1999 13:54:37 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46479-1999.10.24-14.07.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My D7A has gone nuts....

The display has changed from reading frequencies to reading CH numbers,
etc. I can NOT get MENU to come up. Just get a beep. I have tried
"F+POWERON" to force a reset and it doesn't work/help.

Is there a way to FORCE a full reset on power on or otherwise? It would
seem that either I've hit the wrong button combination but can't get the
HT to respond now.

If I use the Kenwood programmer I can do all the settings but it doesn't
let you access the menu commands....

--
73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group, W0APR
First Alert Storm Team -- KMBC-TV
Mailto:ku0g@kcaprs.org
Webpage: http://www.kcaprs.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

169. [htaprs] Resetting....

From: Jim Duncan <ku0g@kcaprs.org>
Date: Sun, 24 Oct 1999 17:11:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46503-1999.10.24-17.24.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know if there's a way to force a hard reset PHYSICALLY
within the unit? I pretty much dead in the water here now. Radio works
but I can't enable APRS xmit since all key functions appear to be locked
out (yes, I've already verified that key-lock is OFF!)
--
73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group, W0APR
First Alert Storm Team -- KMBC-TV
Mailto:ku0g@kcaprs.org
Webpage: http://www.kcaprs.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

170. [htaprs] mavin gps + d7

From: "Larry" <n6ifp@jps.net>
Date: Sun, 24 Oct 1999 18:25:06 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46518-1999.10.24-20.36.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

has anyone got a mavin gps and a d7 up and running and if so how. tnx larry

171. [htaprs] Geez....

From: Jim Duncan <ku0g@kcaprs.org>
Date: Sun, 24 Oct 1999 21:50:09 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46523-1999.10.24-22.02.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

C'mon people, READ MY ORIGINAL POST!

I've tried everything that's in the manual already! I need a BETTER
solution than telling me to read the manual.

Once more:

F+Power On (pg.31): Didn't work
F+A/B (pg. 32): Didn't work

Now, please, does anybody (preferably one of the Kenwood techno-types)
have a work-around or better solution????

The radio DOES work. It has been fully charged (12 hours)....
--
73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group, W0APR
First Alert Storm Team -- KMBC-TV
Mailto:ku0g@kcaprs.org
Webpage: http://www.kcaprs.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

172. [htaprs] th d7 gps plug

From: "Larry" <n6ifp@jps.net>
Date: Mon, 25 Oct 1999 21:19:10 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46597-1999.10.26-09.27.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

anyone know where to get the molded 90 degree plug for the gps input , other than kenwood. tnx larry

173. [htaprs] [amsat-bb] New Kenwood APRS Radio

From: brunin%xe2lmc@n9dbx.ampr.org
Date: Tue, 26 Oct 99 00:27:39 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46626-1999.10.26-09.46.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Message-Id: 11574BRUNIN
From: xe2lmc@n9dbx.#stx.tx.usa.noam
To: htaprs@tapr.org

Kenwoods APRS (PACSAT) Moble Radio

At DCC, Kenwood informally revealed a prototype APRS Mobile (PACSAT)
radio. This was a courtesy demo only. The radio does not yet exist, so
do them a favor and DO NOT PESTER YOUR KENWOOD DEALERS until Christmas.
The radio looks like TM-V7 but with a larger orange screen. It
appears to have the following interesting characteristics:
  - All THD7 features plus dozens of enhancements
  - FUll front panel text message send-receive (like THD7)
  - 9600 baud Pacsat capable. crossband TNC. With KISS
  - Full front panel general packet monitor display (See scrolling
    packets on any channel, not just APRS)
  - All band rcv 118 MHz to 1300 MHZ, (optimized only in HAM bands)
  - Remote control head (always)

I will have one of these at the AMSAT conference and will discuss the
pro's and con's of mobile two-way FRONT PANEL APRS communications via
the 9600 baud PACSATS (No laptop needed!)...

The receiver is very good. I wonder what the minimum gain antenna will be
for a reasonable downlink...? We did a test on the roof parking lot and
got near full scale readings from UO22 with a handheld 3el yagi.

 de WB4APR

Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

174. [htaprs] Re: th d7 gps plug

From: Jim Baremore <k5qq@juno.com>
Date: Tue, 26 Oct 1999 07:42:59 MST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org

Message-ID: <LYR845-46649-1999.10.26-09.58.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 25 Oct 1999 21:19:10 -0000 "Larry" <n6ifp@jps.net> writes:
> anyone know where to get the molded 90 degree plug for the gps input
> , other than kenwood. tnx larry

Mouser Electronics 1-800-346-6873

Th-D7 Stereo Cable 172-2010 $3.96
Power Plug 172-2010 $1.72

Great Service and quick delivery.

I've used them several times

Jim Baremore K5QQ

_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

175. [htaprs] Re: th d7 gps plug

From: Jon Ogden <jono@enteract.com>
Date: Tue, 26 Oct 99 10:10:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46663-1999.10.26-10.24.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Larry wrote:

>anyone know where to get the molded 90 degree plug for the gps input ,
>other than kenwood. tnx larry

Mouser electronics sells them.

Radio Shack has a speaker phone extension cord that has that connector
and can be cut up for that.

There's two possible sources.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

176. [htaprs] Re: th d7 gps plug

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Tue, 26 Oct 1999 11:12:18 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46702-1999.10.26-13.24.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I do not recommend the Radio Shack extension cord.

I purchased 2 of them but have not been successful in soldering to the foil
type wire. It is not worth the aggravation. I have tried for several hours
and finally gave up.

Have not tried the Mouser plugs yet, but am planning on ordering some.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Jon Ogden
> Sent: Tuesday, October 26, 1999 8:11 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: th d7 gps plug
>
>
> Larry wrote:
>
> >anyone know where to get the molded 90 degree plug for the gps input ,
> >other than kenwood. tnx larry
>
> Mouser electronics sells them.
>
> Radio Shack has a speaker phone extension cord that has that connector
> and can be cut up for that.
>
> There's two possible sources.
>
> 73,
>
> Jon
> KE9NA
>
>
> ---
> The Second Amendment is NOT about duck hunting!
>
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

177. [htaprs] Re: th d7 gps plug

From: Skip Allison <Skip.Allison@Motorola.com>
Date: Tue, 26 Oct 1999 13:57:36 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46714-1999.10.26-14.11.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I bought a Sharp organizer that has capability to upload the database to
a PC. It came with the PC cable. The organizer end connector is a mini
phone plug - same as the D7 uses. The other end is a female DB9. So I
tried it out. It turns out the TXD and RXD lines are reversed for
talking to a PC. A null modem adapter from RS pluged into it makes it
work great to connect the D7 to a PC. I also have a Garmin to PC (DB9)
cable that I use to connect the 12XL to the conputer. The DB9 is a
female. If I put a DB9 female to female adapter on the organizer cable,
I can connect the D7 to the 12XL:

D7 GPS port> organizer cable > DB9 f-f adapter > Garmin data cable >
12XL
D7 Computer port > organizer cable > null modem adapter > computer RS232
port

Presto - I didn't have to make any cables. Some of the organizers come

without cables, so if you check the stores that sell organizers, they
may have these cables for sale.

Skip
K9SA

"Herb Gerhardt, KB7UVC" wrote:
>
> I do not recommend the Radio Shack extension cord.
>
> I purchased 2 of them but have not been successful in soldering to the foil
> type wire. It is not worth the aggravation. I have tried for several hours
> and finally gave up.
>
> Have not tried the Mouser plugs yet, but am planning on ordering some.
>
> Herb, KB7UVC
> NW APRS Group, West Sound Coordinator
> www.nwaprs.org <http://www.nwaprs.org>
>
> > -----Original Message-----
> > From: bounce-htaprs-9461@lists.tapr.org
> > [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Jon Ogden
> > Sent: Tuesday, October 26, 1999 8:11 AM
> > To: TAPR HT APRS Special Interest Group
> > Subject: [htaprs] Re: th d7 gps plug
> >
> >
> > Larry wrote:
> >
> > >anyone know where to get the molded 90 degree plug for the gps input ,
> > >other than kenwood. tnx larry
> >
> > Mouser electronics sells them.
> >
> > Radio Shack has a speaker phone extension cord that has that connector
> > and can be cut up for that.
> >
> > There's two possible sources.
> >
> > 73,
> >
> > Jon
> > KE9NA
> >
> >
> > --
> > The Second Amendment is NOT about duck hunting!
> >
> >
> > Jon Ogden
> >
> > jono@enteract.com
> > www.qsl.net/ke9na
> >
> > "A life lived in fear is a life half lived."
> >
> >
> > ---
> > You are currently subscribed to htaprs as: gerhardt@hctc.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
> ---
> You are currently subscribed to htaprs as: Skip.Allison@motorola.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

178. [htaprs] Re: th d7 gps plug

From: Jon Ogden <jono@enteract.com>
Date: Tue, 26 Oct 99 14:10:01 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46715-1999.10.26-14.23.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Herb Gerhardt, KB7UVC wrote:

>I do not recommend the Radio Shack extension cord.
>
>I purchased 2 of them but have not been successful in soldering to the foil
>type wire. It is not worth the aggravation. I have tried for several hours
>and finally gave up.

I had no problem with the Radio Shack cord. I had to scrape the wires a
little to get a solderable connection, but it now works fine. I didn't
get aggravated at all by it and it's a nice coiled cord.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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179. [htaprs] Re: Precision Maps

From: Phillip Clark <pbclark1@attglobal.net>
Date: Tue, 26 Oct 1999 12:54:45 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-46717-1999.10.26-15.08.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just received an upgrade notice for Precision Maps 4.0. Does anyone know if the maps for this will work with WINAPRS???

Phil

"Dreux B. Jacques" wrote:

> Hello everyone. I read your messages everyday and by just sitting back and "reading the mail", i've solved every problem so far encountered. Someone has always answered my questions.
> Now I have a question I haven't seen yet. I am a user of both DosAprs and WinAprs and love both. I can not find locally a supplier for Precision mapping ver 3.5. I have been told this is the last release that can be used w/ WinAprs. Any
> help appreciated.
> Everyone keep up the good work on moving APRS forward.
>
> Dreux B. Jacques, KB8YYA
>
> ---
> You are currently subscribed to htaprs as: pbclark1@ibm.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

180. [htaprs] RE: th d7 gps plug

From: jlagreek <jlagreek@inlink.com>
Date: Tue, 26 Oct 1999 21:28:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46776-1999.10.26-21.45.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

www.mouser.com

They are not real cheap but it is a quality cable.

172-2204 Black stereo plug, shielded cable $2.97

172-2304 Grey stereo plug, shielded cable $2.97
172-2010 Black stereo 90 deg plug shielded cable $3.96 (over 1000 in stock) Plugs <----- Try this one
172-3305 Hi-Rel Black plastic unshielded $2.51
172-3306 Hi-Rel Spring strain relief, shielded $2.80
172-3405 Black Plastic and solder terminal $1.24
172-3406 Shielded handle with spring strain relief and solder terminals $1.79
172-3307 Gold contact with black metal handle, shielded $4.80

The also have power cables
Straight, grey: 172-1372 DGS CORD SET 6'GREY DC PWR $1.87
Right-angle, black: 172-1373 DGS CORD SET BLK 1.3MM 10'PWR CBL $1.82

73 de N0OTM

Joe LaGreek
District Emergency Coordinator
Missouri Section

-----Original Message-----
From: Larry [SMTP:n6ifp@jps.net]
Sent: Monday, October 25, 1999 4:19 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] th d7 gps plug

<< File: ATT00002.htm >> anyone know where to get the molded 90 degree plug for the gps input , other than kenwood. tnx larry

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

181. [htaprs] Re: th d7 gps plug

From: Arte Booten <n2zrc@webspan.net>
Date: Tue, 26 Oct 1999 22:44:46 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46841-1999.10.27-06.55.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all

>Larry wrote:

>Anyone know where to get the molded 90 degree plug for the gps input?

Mouser has 'em (SKU 172-2010) with 6' cord. http://www.mouser.com
or 1-800-346-6873. No minimum purchase. These guys'll sell you one re-
sistor, if that's all you want. 73

_____
|Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv] !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|_____|
A new bumper sticker in New York State reads, "Run Hillary, Run!"
Democrats put it on the rear bumper. Republicans put it on the front.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

182. [htaprs] Re: th d7 gps plug

From: Ralph <rwf@bsrg.org>
Date: Tue, 26 Oct 1999 18:30:13 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46842-1999.10.27-07.07.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

They hit me for about 8 bucks S&H for 3 cords.
Watch out!!!!

John Ogden wrote:

>Mouser electronics sells them.
>

>Radio Shack has a speaker phone extension cord that has that connector
>and can be cut up for that.
>
>There's two possible sources.
>
>73,
>
>Jon
>KE9NA
>
>
>---
>The Second Amendment is NOT about duck hunting!
>
>
>Jon Ogden
>
>jono@enteract.com
>www.qsl.net/ke9na
>
>"A life lived in fear is a life half lived."
>
>
>---
>You are currently subscribed to htaprs as: RWF@BSRG.ORG
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

183. [htaprs] Problem interfacing with laptop

From: Chris McKendry <n5cwm@yahoo.com>
Date: Wed, 27 Oct 1999 10:18:31 -0700 (PDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46871-1999.10.27-12.28.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello to all on the HTAPRS SIG!

  I bought my D7 new a week ago. I'm using
a Garmin GPSIII with great success. I built
my own PG-4W cable to connect with my laptop
running Win95 and MCP-D7 software.
  The problem I am having is when I try to
read data from my radio using the software,
I get a "Communications Timeout Error". What
are the settings for my COM port supposed to
be? I have tried different settings to no
avail. I use my laptop with other programs
and to link with my GPS using Waypoint+ and
have no problems.
  Also, where can I find the HTAPRS archive?
I would have started there to find my answer
but no luck.
  I was on the APRS sig a few months ago and
remember when the D7 first came out. What is
the standard to identify myself as a THD7A
user? I have seen some others use -7
(N5CWM-7).
  Thanks in advance!

Chris N5CWM
N3023.25W09538.80

=====

_____
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

184. [htaprs] RE: th d7 gps plug

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Wed, 27 Oct 1999 13:58:41 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46873-1999.10.27-13.11.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Skip, K9SA wrote:
>
> I bought a Sharp organizer that has capability to upload the database to
> a PC. It came with the PC cable. The organizer end connector is a mini
> phone plug - same as the D7 uses. The other end is a female DB9. So I
> tried it out. It turns out the TXD and RXD lines are reversed for
> talking to a PC. A null modem adapter from RS pluged into it makes it
> work great to connect the D7 to a PC. I also have a Garmin to PC (DB9)
> cable that I use to connect the 12XL to the conputer. The DB9 is a
> female. If I put a DB9 female to female adapter on the organizer cable,
> I can connect the D7 to the 12XL:
>

I bought a Fuji MX-700 digital camera over a year ago. I found that, while
I appreciated Fuji's engineering department putting a serial port on the
thing, it was a painfully slow way to get the files off the camera. A
better solution was to use a PCMCIA adapter or a FlashPath floppy adapter.
What's this got to do with anything? The serial cable that comes with the
MX-700 will connect a TH-D7 to a PC's male DB-9 serial port with *NO MODS*.
I've been using it not only for up/downloading D7 data, and WinAPRS, but for
testing and debugging the TNC serial code for APRS/CE.

"Herb Gerhardt, KB7UVC" wrote:
>
> I purchased 2 of them but have not been successful in soldering to the
foil
> type wire. It is not worth the aggravation. I have tried for several
hours
> and finally gave up.
>

I have to agree, I bought one and it was a major pain to get the wires
soldered to a DB-9 connector. (Would a crimp-type connector have been any
easier?) Perserverance paid off, but I'd think twice before getting another
one. Too bad, the cable itself is nice, with a gold-plated right-angle plug
and a nice matte black *coiled* cord. Only about 6 bucks, too. (Yeah, it's
more expensive than comparable offerings elsewhere, but when you need one
"right now", it's hard to beat the convenience of yer local Radio Shack! :-)

     -Rob
      KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

185. [htaprs] Re: Problem interfacing with laptop

From: GPersons <railfan@flash.net>
Date: Wed, 27 Oct 1999 17:07:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46907-1999.10.27-17.23.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you are using the homebrew cable that goes to you GPS, then you need a
null modem cable or plug to use that cable for you computer. The wire for
pins two and three need to be reversed going to the computer. I made my
own null modem cable with two DB9 plugs and some wire. Run pin 2 on one
connector to pin 3 on the other connector and pin 3 on the first connector
to pin 2 on the second connector. Be sure you complete the ground. Pin 5 as
I recall. It looks funky but works great!

Or, you can go to a computer shop and buy one.

Good luck

73

Gary

At 10:18 AM 10/27/1999 -0700, you wrote:
> Hello to all on the HTAPRS SIG!
>
> I bought my D7 new a week ago. I'm using
>a Garmin GPSIII with great success. I built
>my own PG-4W cable to connect with my laptop
>running Win95 and MCP-D7 software.
> The problem I am having is when I try to
>read data from my radio using the software,
>I get a "Communications Timeout Error". What
>are the settings for my COM port supposed to
>be? I have tried different settings to no
>avail. I use my laptop with other programs
>and to link with my GPS using Waypoint+ and
>have no problems.
> Also, where can I find the HTAPRS archive?
>I would have started there to find my answer
>but no luck.
> I was on the APRS sig a few months ago and
>remember when the D7 first came out. What is
>the standard to identify myself as a THD7A
>user? I have seen some others use -7
>(N5CWM-7).
> Thanks in advance!
>
>Chris N5CWM
>N3023.25W09538.80
>
>
>
>=====
>
>_____
>Do You Yahoo!?
>Bid and sell for free at http://auctions.yahoo.com
>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

186. [htaprs] PC Interface FIXED! THX

From: Chris McKendry <n5cwm@yahoo.com>
Date: Wed, 27 Oct 1999 19:38:23 -0700 (PDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46950-1999.10.27-21.44.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks guys! You know who you are. I really
appreciate the info. These SIG's are GREAT! I
found my null modem connector and ran the
software. Works fine. Later I'll switch pins
2 and 3 around to eliminate the null modem.
  I also found the HTAPRS SIG archive, shortly
after I posted my original message.

Chris N5CWM
Lake Conroe, TX

Mongomery Co. APRS DIGI
 and Davis WX station!
3023.25N/09538.80W
www.aprs.net:8000/n5cwm
Mobile APRS Tracker, N5CWM-14 (TMV-7A)
www.aprs.net:8000/n5cwm-14

=====

_____
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187. [htaprs] th-d7 memory channels

From: "Larry" <n6ifp@jps.net>
Date: Thu, 28 Oct 1999 10:11:00 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47058-1999.10.28-12.22.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am the new owner of a D7. In programmig in memory channels I am having a problem? When I program in channnels 1-10 off VHF channels in A and go to program in memory channels 1-4 in B and uhf , I lose channels 1-3 on A. Is this normal. I thought i should be able to program in 100 freqs in both sides.
thanks Larry

188. [htaprs] TH-D7A Pros / Cons?

From: Brian Mileshosky <n5zgt@swcp.com>
Date: Thu, 28 Oct 1999 12:12:24 -0600 (MDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: k5qq@aol.com, kk5yy@juno.com, wb8wfk@worldnet.att.net
Message-ID: <LYR845-47063-1999.10.28-14.00.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Everyone,

Okay, here's a question most of you have probably seen on this list quite a bit. I've been checking the web digests of this group for this information, but I also want to ask people how they like their TH-D7A, as I'm interested in purchasing one sometime soon for APRS use.

- What do you like about it?

- What DON'T you like about it? I'm particularly interested in this topic, so please pass anything and everything on!

- I've owned quite a few Kenwood HTs, and have noticed that they are TERRIBLE when it comes to intermod when hooked up to an external antenna -- quite a bit of intermod where I live. Has Kenwood improved how this HT can handle intermod, or does this model suffer from it?

- Would you recommend buying one now, or wait until Kenwood perhaps comes out with another newer version of the HT?

- Any other comments about your experiences with it?

Since this is probably a common question on this list, PLEASE go ahead and reply to just ME if you care, so bandwidth is not wasted. I'd appreciate any input. Thanks!

Thanks and 73,
Brian, N5ZGT
Albuquerque, NM

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189. [htaprs] Re: th-d7 memory channels

From: "Jim Keesler, K8EXF" <jimkeesl@iserv.net>
Date: Thu, 28 Oct 1999 16:49:12 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47085-1999.10.28-16.03.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There's only one "bank" of memory channels--you need to create your own divisions of the total number.

Jim, K8EXF
-----Original Message-----
From: Larry <n6ifp@jps.net>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Thursday, October 28, 1999 1:11 PM
Subject: [htaprs] th-d7 memory channels

I am the new owner of a D7. In programmig in memory channels I am having a problem? When I program in channnels 1-10 off VHF channels in A and go to program in memory channels 1-4 in B and uhf , I lose

channels 1-3 on A. Is this normal. I thought i should be able to program in 100 freqs in both sides.
thanks Larry

190. [htaprs] Antenna Connector

From: "Bob Hart" <rahart@hctc.com>
Date: Thu, 28 Oct 1999 14:30:50 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47090-1999.10.28-16.45.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am putting the finishing touches on the construction of cables for my D7, GPS, computer, and vehicle to tie it altogether. The one thing that has me stumped is the antenna connector. Obviously not BNC, PL-259, N, F, or anything else I am familiar with. Can anyone tell me what it is?

For what it's worth, I stumbled onto a ready made power cable at Radio Shack, 270-031A, $6.99 + tax. It has the 90 deg 3.5 X 1.3 coaxial connector on one end of the curly cord and a fused (3 amp) cigarette lighter plug on the other. It neatly fits in the strain relief of the belt clip to take the load off the coax connector. Now, I know there are others out there, but please don't tell me about them. You"ll just make me feel bad.

Warning: this device was manufactured for use with radar detectors. Use at your own risk. :-)

Bob Hart, WA7HRA
Hoodsport, WA

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191. [htaprs] Re: th-d7 memory channels

From: GPersons <railfan@flash.net>
Date: Thu, 28 Oct 1999 17:01:50 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47093-1999.10.28-17.14.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/enriched

Yep. You ran in to the same problem I did. On the THD7 you can't program the UHF and VHF channels consecutively. This is the one thing I don't like about this radio. In other words, if you program channels 1, 2 and 3 with VHF frequencies, then your UHF frequencies have to programmed on channels 4, 5, and 6.

I would much rather have the uhf and vhf frequencies in numerical order. What you might want to do is program your VHF frequencies as channels 1-40 and UHF as 41-70 or what ever.

I think this is done to conserve memory space.

Hope this helps.

73

Gary

At 10:11 AM 10/28/1999 -0000, you wrote:

>>>>

<excerpt><smaller>I am the new owner of a D7. In programmig in memory channels I am having a problem? When I program in channnels 1-10 off VHF channels in A and go to program in memory channels 1-4 in B and uhf , I lose channels 1-3 on A. Is this normal. I thought i should be able to program in 100 freqs in both sides.
</smaller><fontfamily><param>Arial</param><color><param>0606,0000,0000</param>
<smaller> thanks Larry</smaller>

</color></fontfamily></excerpt><fontfamily><param>Arial</param><color><param>0606,0000,0000</param>

</color></fontfamily>

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192. [htaprs] Re: Antenna Connector

From: Jon Anhold <jon@snoopy.net>
Date: Thu, 28 Oct 1999 18:06:36 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-47094-1999.10.28-17.19.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's an SMA connector, just like the Yaesu FT-50.

Previously, Bob Hart (rahart@hctc.com) said:
> I am putting the finishing touches on the construction of cables for my D7,
> GPS, computer, and vehicle to tie it altogether. The one thing that has me
> stumped is the antenna connector. Obviously not BNC, PL-259, N, F, or
> anything else I am familiar with. Can anyone tell me what it is?
>
> For what it's worth, I stumbled onto a ready made power cable at Radio
> Shack, 270-031A, $6.99 + tax. It has the 90 deg 3.5 X 1.3 coaxial connector
> on one end of the curly cord and a fused (3 amp) cigarette lighter plug on
> the other. It neatly fits in the strain relief of the belt clip to take the
> load off the coax connector. Now, I know there are others out there, but
> please don't tell me about them. You"ll just make me feel bad.
>
> Warning: this device was manufactured for use with radar detectors. Use at
> your own risk. :-)
>
> Bob Hart, WA7HRA
> Hoodsport, WA
>
>
>
> ---
> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--
What do you call a geek in the '90s? I prefer "Sir".

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193. [htaprs] Re: Antenna Connector

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 28 Oct 1999 19:10:12 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47100-1999.10.28-18.23.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 10/28/99 5:30 PM, Bob Hart (rahart@hctc.com) passed this wisdom:

>For what it's worth, I stumbled onto a ready made power cable at Radio
>Shack, 270-031A, $6.99 + tax. It has the 90 deg 3.5 X 1.3 coaxial connector
>on one end of the curly cord and a fused (3 amp) cigarette lighter plug on
>the other. It neatly fits in the strain relief of the belt clip to take the
>load off the coax connector. Now, I know there are others out there, but
>please don't tell me about them. You"ll just make me feel bad.

 well, first of all, you don't want to run this straight to the
cigarrette lighter, you need filtering, the D7 is allergic to unfiltered
alternator output. Second, ditch the belt clip - it is stronger than the
part of the battery pack it is attached to ... if you snag the talkie
while its on your belt, the clip wins and the battery pack loses ... a
large piece of its backside!. main suggestion is to buy the kenwood case,
for $18 it has a clear front so as to see the keyboard and a metal belt
clip attached to the ballistic cloth, I bought one asnd like it a lot.
Several SIG members have ripped up battery packs before learning this
lesson the hard way.

Brian B. Riley --> http://members.macconnect.com/~brianbr

For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

"But it is said: Do not meddle in the affairs of wizards, for they are
 subtle and quick to anger."
      -- Gildor (_The Lord of the Rings_, by J.R.R. Tolkien)

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194. [htaprs] Re: Antenna Connector

From: GPersons <railfan@flash.net>
Date: Thu, 28 Oct 1999 18:57:41 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47104-1999.10.28-19.10.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The antenna connector is called a SMA. Nice of Kenwood to put such a good
connector on the radio. I would have preferred a BNC But, it works and they
do make after market antenna for it and it is supposed to be better than a
BNC.

I don't know about using the Rat Shack power connector. Several people have
had problems with their radios by using the unfiltered car adapters. Get
the Kenwood adapter. It is more expensive but you may not have problems.

Maybe someone who has had trouble by using the unfiltered adapter can fill
us in!

Good luck.

73

Gary

At 02:30 PM 10/28/1999 -0700, you wrote:
>I am putting the finishing touches on the construction of cables for my D7,
>GPS, computer, and vehicle to tie it altogether. The one thing that has me
>stumped is the antenna connector. Obviously not BNC, PL-259, N, F, or
>anything else I am familiar with. Can anyone tell me what it is?
>
>For what it's worth, I stumbled onto a ready made power cable at Radio
>Shack, 270-031A, $6.99 + tax. It has the 90 deg 3.5 X 1.3 coaxial connector
>on one end of the curly cord and a fused (3 amp) cigarette lighter plug on
>the other. It neatly fits in the strain relief of the belt clip to take the
>load off the coax connector. Now, I know there are others out there, but
>please don't tell me about them. You"ll just make me feel bad.
>
>Warning: this device was manufactured for use with radar detectors. Use at
>your own risk. :-)
>
>Bob Hart, WA7HRA
>Hoodsport, WA
>
>
>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

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195. [htaprs] WTB: D7A

From: "Nick Palomba" <npalomba@carolina.rr.com>
Date: Fri, 29 Oct 1999 05:30:47 -0400
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47149-1999.10.29-04.48.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Looking for a used D7A. If anyone is selling one please contact me. Thanks
de K4MGN

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196. [htaprs] Re: Problem interfacing with laptop

From: John W Wilson <z004391b@bc.seflin.org>
Date: Fri, 29 Oct 1999 07:33:15 -0400 (EDT)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-47153-1999.10.29-06.46.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Chris,
I downloaded the program from Kenwood, plugged my home-made cable into
the com1: port of my laptop (only one com: port on the laptop) and it ran
without any kind of setup. Either I was lucky, or the program had enough
sense to search all the com: ports and set the baud rate to the proper
setting. I believe it is the latter. I am very happy with the free
program as I don't want to enter all those frequencies by hand again,
hi. 73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Wed, 27 Oct 1999, Chris McKendry wrote:

> Hello to all on the HTAPRS SIG!
>
> I bought my D7 new a week ago. I'm using
> a Garmin GPSIII with great success. I built
> my own PG-4W cable to connect with my laptop
> running Win95 and MCP-D7 software.
> The problem I am having is when I try to
> read data from my radio using the software,
> I get a "Communications Timeout Error". What
> are the settings for my COM port supposed to
> be? I have tried different settings to no
> avail. I use my laptop with other programs
> and to link with my GPS using Waypoint+ and
> have no problems.
> Also, where can I find the HTAPRS archive?
> I would have started there to find my answer
> but no luck.
> I was on the APRS sig a few months ago and
> remember when the D7 first came out. What is
> the standard to identify myself as a THD7A
> user? I have seen some others use -7
> (N5CWM-7).
> Thanks in advance!
>
> Chris N5CWM
> N3023.25W09538.80
>
>
>
> =====
>
> ____
> Do You Yahoo!?
> Bid and sell for free at http://auctions.yahoo.com
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

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197. [htaprs] TH-D7a - Couple Questions

From: "Jeffrey Thomas" <kd4evb@hotmail.com>
Date: Fri, 29 Oct 1999 07:47:15 PDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47182-1999.10.29-10.00.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi gang,

Just got a TH-D7A and trying to figure out what all it can do. Couple questions maybe the group can help me out with:

1. CROSSBAND - Does this radio do crossband, I've looked around the net a bit and haven't seen anything on it.

2. Both CTCSS Encode/Decode at the same time. Manual says it can't do it, anyone know if there is a way around it...I doubt there is. The RF spectrum around here is pretty nasty & most repeaters run PL on both TX/RX for this and other reasons. Having "full PL" capability is very nice even on the HT and makes scanning tolerable.

Other than getting used to the way Kenwood did the memory channels and the above 2 issues...I'm satisfied with this neat rig.

73's de Jeff, KD4EVB

_____
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

198. [htaprs] Antenna Connector

From: "Bob Hart" <rahart@hctc.com>
Date: Fri, 29 Oct 1999 08:18:45 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47185-1999.10.29-10.32.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all who responded to my querry as to the antenna connector on the D7. For those who missed it, it is a type SMA, which stands for Subminature, type A. Types B and C are designed for much higher frequencies.

If you want to look at some specs, go to www.mouser.com and then look on page 130 of their catalog. The .pdf images require the Adobe reader.

Bob Hart, WA7HRA
Hoodsport, WA

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199. [htaprs] D7 Power Gremlins

From: KC2EAW@aol.com
Date: Fri, 29 Oct 1999 11:37:09 EDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47189-1999.10.29-10.49.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Subject: Antenna Connector
>From: "Bob Hart" <rahart@hctc.com>
>Date: Thu, 28 Oct 1999 14:30:50 -0700
>X-Message-Number: 4
>
>I am putting the finishing touches on the construction of cables for my D7,
>GPS, computer, and vehicle to tie it altogether. The one thing that has me
>stumped is the antenna connector. Obviously not BNC, PL-259, N, F, or
>anything else I am familiar with. Can anyone tell me what it is?
>
>For what it's worth, I stumbled onto a ready made power cable at Radio
>Shack, 270-031A, $6.99 + tax. It has the 90 deg 3.5 X 1.3 coaxial connector
>on one end of the curly cord and a fused (3 amp) cigarette lighter plug on
>the other. It neatly fits in the strain relief of the belt clip to take the
>load off the coax connector. Now, I know there are others out there, but
>please don't tell me about them. You"ll just make me feel bad.
>

>Warning: this device was manufactured for use with radar detectors. Use at
>your own risk. :-)
>
>Bob Hart, WA7HRA
>Hoodsport, WA
>
>
>
>Subject: Re: Antenna Connector
>From: Brian B. Riley <brianbr@macconnect.com>
>Date: Thu, 28 Oct 1999 19:10:12 -0400
>X-Message-Number: 7
>
>On 10/28/99 5:30 PM, Bob Hart (rahart@hctc.com) passed this wisdom:
>
>>For what it's worth, I stumbled onto a ready made power cable at Radio
>>Shack, 270-031A, $6.99 + tax. It has the 90 deg 3.5 X 1.3 coaxial connector
>>on one end of the curly cord and a fused (3 amp) cigarette lighter plug on
>>the other. It neatly fits in the strain relief of the belt clip to take the
>>load off the coax connector. Now, I know there are others out there, but
>>please don't tell me about them. You"ll just make me feel bad.
>
> well, first of all, you don't want to run this straight to the
>cigarrette lighter, you need filtering, the D7 is allergic to unfiltered
>alternator output. Second, ditch the belt clip - it is stronger than the
>part of the battery pack it is attached to ... if you snag the talkie
>while its on your belt, the clip wins and the battery pack loses ... a
>large piece of its backside!. main suggestion is to buy the kenwood case,
>for $18 it has a clear front so as to see the keyboard and a metal belt
>clip attached to the ballistic cloth, I bought one asnd like it a lot.
>Several SIG members have ripped up battery packs before learning this
>lesson the hard way.
>
>
>Subject: Re: Antenna Connector
>From: GPersons <railfan@flash.net>
>Date: Thu, 28 Oct 1999 18:57:41 -0500
>X-Message-Number: 8
>
>The antenna connector is called a SMA. Nice of Kenwood to put such a good
>connector on the radio. I would have preferred a BNC But, it works and they
>do make after market antenna for it and it is supposed to be better than a
>BNC.
>
>I don't know about using the Rat Shack power connector. Several people have
>had problems with their radios by using the unfiltered car adapters. Get
>the Kenwood adapter. It is more expensive but you may not have problems.
>
>Maybe someone who has had trouble by using the unfiltered adapter can fill
>us in!
>
>
>Good luck.
>
>73
>
>Gary
>
>

Hi Fellas; I too, trying so save a few bucks, bought the exact Radio
Shack power cable that you're talking about. I can attest to the fact the
the D7 has problems with unfiltered power. The most common problem I've
seen is the D7 TNC locks up. The radio is rxing the packets (you can hear
the audio) but will not decode packets and will not tx automatically.
I've been able to jump start it sometimes by cycling the tnc to "packet"
then off then back to aprs mode. Sometimes I've had to cycle the power,
and other times had to remove the battery. Since going to a filtered,
regulated power source, all the power gremlins have gone away. Read below
an exchange between wx2dx and myself that was not on the sig.

---

wx2dx@vdot.net 10/24/99 10:40 PM wx2dx@vdot.net

>From: wx2dx@vdot.net (Ray Garraud)

>To: KC2EAW@aol.com
>Thanks again Dan.
>
>I gotta tell you. I had my first dissapointment with the THD-7 the other
>day. I noticed that when the battery runs low, the radio just cycles on
>and off, with an intenal beep and flashing display and the power button
>does not respond.
>
>I didn't know what was happening at first until I did a little
>investigating and found out that the battery was the culprit. Kenwood
>could have done a little better in the area of battery management. It's
>annoying but I guess I'll live with it. I just have to scrape up some
>change to buy that cig. lighter adapter now (hi hi)
>
>Have you had some similar experiences?
>
>Regards
>
>Ray
>
>
>--------------------
Yup, you're not alone. This has been a major point of discussion on the
HT SIG. Everyone with a D7 has had similar experiences. If you buy a cig
lighter, make sure you buy Kenwood's unit. The D7 is flaky when it comes
to external power. Do as I say, not do as I do because I use an ICOM
adapter (for a W32A) that is also regulated and filtered and costs just
as much as Kenwood's unit. I also have a Maha fast charger that makes
dealing with HT batteries much more convenient. Even better is if you
leave the radio unsupervised and the power starts to cycle, eventually
the voltage will drop so low that the radio will forget it call and start
xmiting NOCALL packets. Talk about embarrassing.

73 de KC2EAW
Dan Speranzo

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200. [htaprs] Any ARPS in the Northeast

From: "Fred Halley Jr." <fhalley@ikonuny.com>
Date: Fri, 29 Oct 1999 10:55:24
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47192-1999.10.29-11.08.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there ARPS available in the upstate NY area? Where can I find
information on what areas ARPS is available?

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201. [htaprs] Re: Any ARPS in the Northeast

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 29 Oct 1999 12:13:27 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-47200-1999.10.29-12.26.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Is there ARPS available in the upstate NY area? Where can I find
>information on what areas ARPS is available?

Run the Win/MAc APRS program on your computer and use the
internet connect server option with the USA map.

Or
if you have java
point to WWW.APRS.NET

and zoom in to the area of interest.

73

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

202. [htaprs] Re: TH-D7a - Couple Questions

From: Skip Allison <Skip.Allison@Motorola.com>
Date: Fri, 29 Oct 1999 13:31:21 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47211-1999.10.29-13.46.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeffrey Thomas wrote:
>
> Hi gang,
>
> Just got a TH-D7A and trying to figure out what all it can do. Couple
> questions maybe the group can help me out with:
>
> 1. CROSSBAND - Does this radio do crossband, I've looked around the net a
> bit and haven't seen anything on it.
>

I assume you mean crossband repeat? I'm not sure since I haven't tried
this.

> 2. Both CTCSS Encode/Decode at the same time. Manual says it can't do it,
> anyone know if there is a way around it...I doubt there is. The RF spectrum
> around here is pretty nasty & most repeaters run PL on both TX/RX for this
> and other reasons. Having "full PL" capability is very nice even on the HT
> and makes scanning tolerable.
>

Yes, it definately will do both encode and decode. All of my UHF
channels are
programmed for both encode and decode, since there is all kinds of
"junk" in
the UHF band that shouldn't be there - like local oscillators from
commercial
radios in the 450-470 band.

I like the radio features of the radio. Not real excited about the
software.
It's not real obvious on some of the programming features. I still have
to
get the manual out to do some common things. It seems harder to program
than
my Yaesus. It has about everything I could ask for.

I don't know whose idea it was to paint the case silver. The silver
color is
pretty "Mattel looking". Come to think of it, Radio Shack did that to
the
TRS80. Why would anybody take the extra time and money to paint
plastic?
Besides that, I've had a couple people ask me if I got the wrong
battery,
because it doesn't match the rest of the case. Well, look at the bright
side,
it's not going to rust.

Skip
K9SA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

203. [htaprs] Re: Any ARPS in the Northeast

From: John Sullivan <jbs@quickturn.com>
Date: Fri, 29 Oct 1999 12:24:56 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47217-1999.10.29-14.37.43--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I have been unsuccessfully trying to use the java applet at
www.aprs.net for almost a year. At first I thought the port might be
down, since everything seemed to work fine, but no stations were
displayed. No problems viewing the applets with stored data. I have
the same problem with the other javAPRS servers.

I've tried using Netscape browsers for unix and Win95 (java version
1.1.5), and Sun's appletviewer for unix (java version 1.1.3). The
result is always the same java error message:

  Error opening data stream: www.aprs.net

Does anyone here know the missing ingredient?

John

> >Is there ARPS available in the upstate NY area? Where can I find
> >information on what areas ARPS is available?
>
> Run the Win/MAc APRS program on your computer and use the
> internet connect server option with the USA map.
>
> Or
> if you have java
> point to WWW.APRS.NET
>
> and zoom in to the area of interest.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

204. [htaprs] Re: Any ARPS in the Northeast

From: "Michael Jones" <mjones@hughes.net>
Date: Fri, 29 Oct 1999 12:36:39 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47218-1999.10.29-14.49.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sounds like you are behind a firewall which limits the TCP ports to your IP
address. It may be possible for you to get your network administrator/isp to
'open' the specific ports for you. You can find the port you need by
'viewing the source' of the html page.
Look for a line that looks similar to:
<PARAM name = "dataFile1" value = "netc:10151:www.aprs.net">
The number 10151 is the port that needs to be opened.

----- Original Message -----
From: John Sullivan <jbs@quickturn.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Friday, October 29, 1999 12:24 PM
Subject: [htaprs] Re: Any ARPS in the Northeast

> I have been unsuccessfully trying to use the java applet at
> www.aprs.net for almost a year. At first I thought the port might be
> down, since everything seemed to work fine, but no stations were
> displayed. No problems viewing the applets with stored data. I have
> the same problem with the other javAPRS servers.
>
> I've tried using Netscape browsers for unix and Win95 (java version
> 1.1.5), and Sun's appletviewer for unix (java version 1.1.3). The
> result is always the same java error message:
>
>   Error opening data stream: www.aprs.net
>
> Does anyone here know the missing ingredient?
>
> John
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

205. [htaprs] GPS - Tripmate

From: "Fred Halley Jr." <fhalley@ikonuny.com>
Date: Fri, 29 Oct 1999 14:47:4
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47219-1999.10.29-14.59.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone used the Delorme tripmate GPS antenna to input GPS data to the
TH-D7A? Where can I find the Mod to get it to work?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

206. [htaprs] Re: GPS - Tripmate

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sat, 30 Oct 1999 01:08:01 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-47312-1999.10.30-01.20.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Has anyone used the Delorme tripmate GPS antenna to input GPS data to the
>TH-D7A? Where can I find the Mod to get it to work?
>

if your question is "Has anyone used the Delorme tripmate GPS to input GPS data to the TH-D7A? the
answer is yes. there are over 21 hits on the keyword
tripmate in this sigs searchable e-mail archive at www.tapr.org.

here is a sample from Fri, 30 Jul 1999:

Tripmate will work, Earthmate will NOT.

You will need to :
1. Jump pins 2 and 3 at the Tripmate side.

2. Only connect the Tripmate's Output and ground to the TH-D7a GPS input port.

(Leave the TH-D7a output to the input of the Tripmate not connected. Or you will
 have two xmit lines crossed because we already shorted pins 2 and 3)

3. supply power to run the Tripmate.

4. activate the Tripmate's pin 4 to start it.
  JUST SEE http://www.qsl.net/kd4rdb/tripmate.htm

If your question is about using the Tripmates patch antenna with a different
GPS unit then we still need to talk.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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207. [htaprs] Re: GPS - Tripmate

From: "Bill Kearns" <billk@inland.net>
Date: Sat, 30 Oct 1999 11:01:58 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47412-1999.10.30-13.21.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

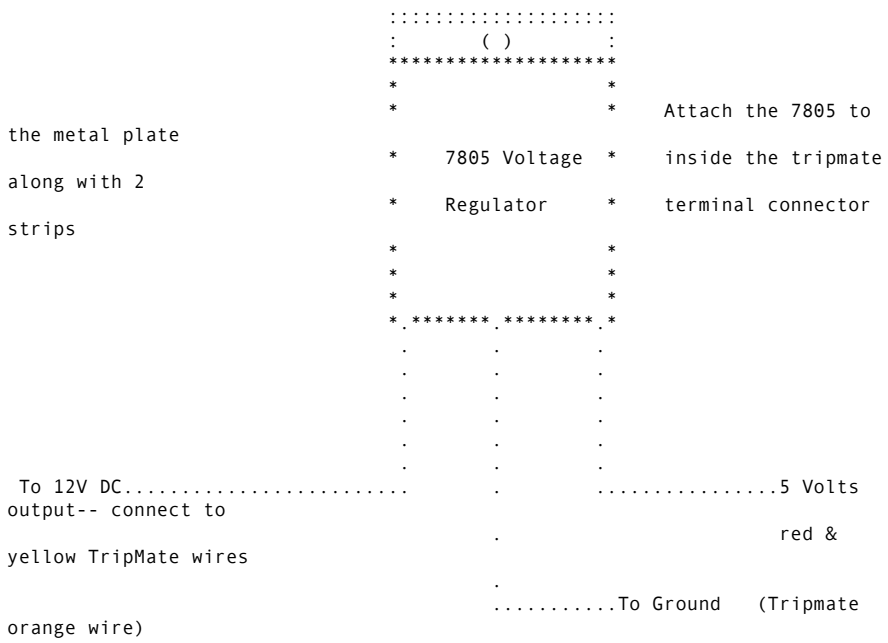
> >Has anyone used the Delorme tripmate GPS antenna to input GPS data to the
> >TH-D7A? Where can I find the Mod to get it to work?

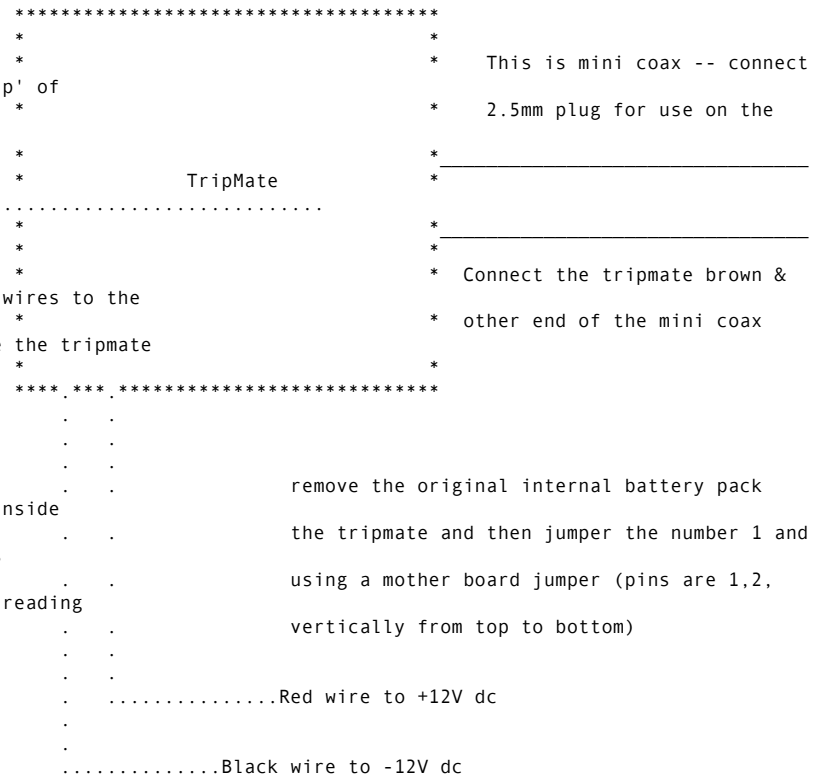
do this:

boot up your word processor.... select a fixed-width font such as
courier.... copy this message over to your word processor and print.....

Please view in a fixed-width font such as Courier.

first, cut off the tripmate cord to about 6 inches and skin back the wires and attach as shown
below. you can remove the internal battery pack from the tripmate for more room. also, get
two terminal strips of 3 lugs each.


7805 Voltage Regulator
Attach the 7805 to the metal plate along with 2 terminal connector strips
To 12V DC
5 Volts output-- connect to red & yellow TripMate wires
To Ground (Tripmate orange wire)


TripMate
This is mini coax -- connect to 'tip' of 2.5mm plug for use on the TH-D7
Connect the tripmate brown & black wires to the other end of the mini coax inside the tripmate
remove the original internal battery pack from inside the tripmate and then jumper the number 1 and 2 pins using a mother board jumper (pins are 1,2, and 3 reading vertically from top to bottom)
Red wire to +12V dc
Black wire to -12V dc

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208. [htaprs] PC & THD7

From: Robert Michaud <r.michaud@glumac-sf.com>
Date: Sat, 30 Oct 1999 15:26:04 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47437-1999.10.30-17.29.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am trying to get APRSdos working with the THD7 but I am having problems.

   The first suspect is the home made serial cable
(using the Mouser cable and R/S DB-9). I used
the diagram from K4ABT's web site, which seem to
be the same as the manual. Is this correct?
   There does not seem to be any communication between
the PC (com port 2) and the THD7. I tried running a
a comm. program with the THD7 in TNC Packet mode, no dice.
I also ran BayCom with another Radio and different cable on the
same Comm port, so that's working.

-No GPS connected.
-THD7 on TNC Packet mode not TNC APRS
-Latest ARPS for Dos - hopefully set up correctly
-Antenna is away from the noisy computer (I can hear
 packets with the computer on)

Any suggestions on what to check before I buy the Kenwood cable?

You help would be appreciated!

Robert, KD6INI

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209. [htaprs] Satellite images and WinAPRS

From: "Bryan Hovde" <kd7cra@excite.com>
Date: Sat, 30 Oct 1999 22:22:20
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47465-1999.10.30-22.35.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI-

Free satllite photos can be downloaded from www.terraserver.com
You can get them with resolution down to 1 meter (meaning 1 pixel = 1 sqare
meter) good enough resolution to see the roads, not to mention your house!
Once you have navigated the menus and found the images you want you can
click on and option which will download them onto your computer. There is
also a link to give you more information on the image. This will give you
the Lat and Long coordinates for different areas of the images. This is
VERY usefull in making a geotiff file for the image. Hope this is
usefull.

Bryan in Bellingham, WA
KD7CRA
Bryan.Hovde@Film-Grip.net

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210. [htaprs] Re: PC & THD7

From: Jim Baremore <k5qq@juno.com>
Date: Sun, 31 Oct 1999 06:55:53 MST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-47526-1999.10.31-08.16.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 30 Oct 1999 15:26:04 -0700 Robert Michaud
<r.michaud@glumac-sf.com> writes:
>
> Any suggestions on what to check before I buy the Kenwood cable?

Hi Robert

Try changing wires 2 and 3 on your DB9. The book is quite confusing and
after winding up exactly where you were, I swapped them and 'presto' data
coming thru.

Good Luck

Jim Baremore   K5QQ

_____
Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: http://dl.www.juno.com/dynoget/tagj.

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211. [htaprs] TH-D7A Problem

From: Jon Ogden <jono@enteract.com>
Date: Sun, 31 Oct 1999 22:02:17 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47606-1999.10.31-22.15.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, finally, I have developed a problem with my TH-D7A. After watching
it occur several times this weekend on a long trip, I KNOW that something
is goofy.

The APRS functions on the radio seem to lock up at random time intervals.
 What I mean is that at random intervals (no rhyme or reason to them) the
following occurs: the radio will stop processing NMEA data (the position
info will not change or update), the radio will stop processing received
APRS packets, and the radio will stop transmitting beacons (pressing the
beacon button does nothing). The only way to fix this problem is to turn
the radio off and then on again. Then things work fine until the next
lock up. The next lockup could be anywhere from 10 minutes to 10 hours.
I am not sure if the voice receive capability is impaired, but I don't
think so. This seems totally related to the APRS/packet functioning of
the radio.

Has anyone else seen this phenomenon? Anyone (ie: Kenwood especially)
have a fix?

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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212. [htaprs] Re: TH-D7A Problem

From: "Lloyd Mitchell" <kd4htw@bellsouth.net>
Date: Mon, 1 Nov 1999 11:22:08 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47609-1999.10.31-22.35.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John, I thought it was me... Thanks.

BTW, I am not running a power cord, the unit is on batteries and so is the
GPS (garmin45)
Dont know why but I've experienced the same on a trip to Atlanta last
weekend...

On another point: the battery cases are not very strong. I've busted two
in about a month. DON'T USE THE BATTERY CLIPS !!!

Lloyd KD4HTW

----- Original Message -----
From: Jon Ogden <jono@enteract.com>

> OK, finally, I have developed a problem with my TH-D7A. After watching
> it occur several times this weekend on a long trip, I KNOW that something
> is goofy.
>
> The APRS functions on the radio seem to lock up at random time intervals.
> What I mean is that at random intervals (no rhyme or reason to them) the
> following occurs: the radio will stop processing NMEA data (the position
> info will not change or update), the radio will stop processing received
> APRS packets, and the radio will stop transmitting beacons (pressing the
> beacon button does nothing). The only way to fix this problem is to turn
> the radio off and then on again. Then things work fine until the next
> lock up. The next lockup could be anywhere from 10 minutes to 10 hours.
> I am not sure if the voice receive capability is impaired, but I don't
> think so. This seems totally related to the APRS/packet functioning of
> the radio.
>
> Has anyone else seen this phenomenon? Anyone (ie: Kenwood especially)
> have a fix?
>
> 73,
>
> Jon
> KE9NA
>
>
> -------------------------------------
> Jon Ogden
> KE9NA
>
> http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!
>
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: kd4htw@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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213. [htaprs] Re: Antenna Connector

From: Jon Ogden <jono@enteract.com>
Date: Sun, 31 Oct 1999 22:25:37 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47611-1999.10.31-22.38.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GPersons wrote:

>The antenna connector is called a SMA. Nice of Kenwood to put such a good
>connector on the radio. I would have preferred a BNC But, it works and they
>do make after market antenna for it and it is supposed to be better than a
>BNC.

BNC connectors are good up to about 12 GHz. SMA connectors are good to
about 18 GHz.

Both work fine at .144 GHz!

Frankly, it was silly of Kenwood to use the SMA. It's just the latest
fad. Problem is, the SMA isn't as rugged as the BNC. SMA connectors
were also designed primarily to be mated once and left connected. They
were never designed for mating and unmating such as is done with an HT
antenna.

Oh well.....

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

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214. [htaprs] RE: TH-D7A Problem

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 31 Oct 1999 20:33:57 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47612-1999.10.31-22.46.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have seen this problem once. It affected both packet/APRS and voice. The
radio was locked and would not receive or transmit. All the buttons just
gave the error beep. Shutting it off and turning it back on did NOT get rid
of this problem. I then removed the battery waited about 30 seconds and
reinstalled the battery and the radio came to life again when I turned the
power back on. I did not have to do a hard reset to get rid of this
problem.

I was just sitting in hunting camp when this problem occurred. There were
no other radio transmissions going on at the time and the GPS was not
connected to the radio. I have no idea why it hung up.

I also previously have had 2 total lock-up occurrences that required a full
hard reset in order to make it come to life again. No idea why these
problems occurred either.

My guess is that the microprocessor just hangs up once in a while and needs
to be reset.

When I do run into these problems, I find that the offset has changed on
some of the memory channels to either some high number or a combination of
graphics symbols. The only way of getting rid of the graphic symbols is
with a hard reset. I am glad I downloaded the Kenwood software and can
reprogram my 100+ memory channels in about 30 seconds.

Despite these freak problems, I still love this radio and would not want to
trade it for any other!

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Jon Ogden
> Sent: Sunday, October 31, 1999 8:02 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] TH-D7A Problem
>
>
> OK, finally, I have developed a problem with my TH-D7A. After watching
> it occur several times this weekend on a long trip, I KNOW that something
> is goofy.
>
> The APRS functions on the radio seem to lock up at random time intervals.
> What I mean is that at random intervals (no rhyme or reason to them) the
> following occurs: the radio will stop processing NMEA data (the position
> info will not change or update), the radio will stop processing received
> APRS packets, and the radio will stop transmitting beacons (pressing the

> beacon button does nothing). The only way to fix this problem is to turn
> the radio off and then on again. Then things work fine until the next
> lock up. The next lockup could be anywhere from 10 minutes to 10 hours.
> I am not sure if the voice receive capability is impaired, but I don't
> think so. This seems totally related to the APRS/packet functioning of
> the radio.
>
> Has anyone else seen this phenomenon? Anyone (ie: Kenwood especially)
> have a fix?
>
> 73,
>
> Jon
> KE9NA
>
>
> ------------------------------------
> Jon Ogden
> KE9NA
>
http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: gerhardt@hctc.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

215. [htaprs] TH-D7 programming with PalmV

From: "Michael Jones" <mjones@hughes.net>
Date: Sun, 31 Oct 1999 21:48:50 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47625-1999.11.01-00.04.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I now have all the major components for my complete pedestrian mobile
aprs station. Kenwood TH-D7 mated to a 3Com Palm V and a Garmin GPS-3+. (I
guess that rules out actually WINNING the Kenwood promotion) Unfortunately,
I'm still waiting on parts for completeing my cabling between the Palm V and
the Radio/TNC. The GPS takes care of all my station plotting needs but I
want to use the Palm for monitoring station info, capturing tracks and
messaging. It looks like pocketAPRS will be fine even if I choose to run it
without maps.

However, I would also like the ability to preogram/reprogram my TH-D7 from
the Palm, So I have a few questions. Are there any applications that exist
for this? If not, does anyone have the neccessary stream data for decoding
what comes from the HT and what the opcodes are for programming? Does anyone
know where I can find this info?

If such a program doesn't exist and I decide to write one for myself, is
anyone else interested in it? I'm not trying to create hype over vaporware;
but always short on time and have zero idea how long it would take me even
WITH the proper info. I'm a programmer for a living and I know I'm capable,
but in all honesty I've never even written a rudimentary program for the
PalmOS.

Any info is greatly appreciated,
Mike KF6SWI

Don't forget to let me know if your interested in such a program. I'll try
to set aside people Email address so that I can let you know what happens
down the road. FYI I fully intend that anything I write will be entirely
free for amateur use.

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November 1999

Original source file: htaprs.9911
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9911

1. [htaprs] Re: TH-D7A Problem

From: SEMRRT@aol.com
Date: Mon, 1 Nov 1999 01:05:55 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47626-1999.11.01-00.19.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have had a similar problem with mine. You can hear the packets being
received, but nothing on the screen changes and there is no processing of
data. After turning it on and off, the radio goes back to acting like normal.

Steve, kf4tlj

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

2. [htaprs] RE: TH-D7A Problem

From: Jon Ogden <jono@enteract.com>
Date: Mon, 1 Nov 1999 06:41:54 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47651-1999.11.01-06.54.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Herb Gerhardt, KB7UVC wrote:

>I have seen this problem once. It affected both packet/APRS and voice. The
>radio was locked and would not receive or transmit. All the buttons just
>gave the error beep. Shutting it off and turning it back on did NOT get rid
>of this problem. I then removed the battery waited about 30 seconds and
>reinstalled the battery and the radio came to life again when I turned the
>power back on. I did not have to do a hard reset to get rid of this
>problem.

Not the same problem I am having. All the buttons work fine. No error
beeps, nothing like that. The APRS functionality just doesn't work.

73,

Jon
KE9NA

Jon Ogden
KE9NA

http://www.qsl.net/ke9na   <--- CHECK IT OUT! It's been updated!!!!!

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

3. [htaprs] Re: TH-D7A Problem

From: "Steven J Adams" <adamss@datasys.net>
Date: Mon, 1 Nov 1999 7:14:16
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47653-1999.11.01-07.27.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I too used to have this problem. I was running the D7A with a GPS III Plus,
Kenwood's filtered power plug and an external roof mounted antenna. My unit
would lock up anywhere from 30 minutes to 1 hour of operation. I trimmed
the antenna for 144.39 and that seemed to help. Now I run with the MAHA
docking station and I haven't seen the problem since. I wonder if the
problem could be related to high VSWR getting back into the PA deck?

BTW, I am not impressed with the MAHA docking station. I have tweaked it

for my D7A. It gives me 45 watts output and a slight increase in receive
with the preamp. This might sound great but my range has increased by less
than 10%. Alot of money to pay for very slight performance increase.

I have run the MAHA/D7 combination for over 8 hours at a time with no lock
up problems. I have logged over 40 hours with this combination and I have
not seen the lock up problem at all.

KF4NAT
Steve Adams
Valdosta GA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

4. [htaprs] Re: TH-D7 programming with PalmV

From: Robert Winingham <kc5ejk@onramp.net>
Date: Mon, 1 Nov 1999 09:56:37 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-47677-1999.11.01-10.08.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>does anyone have the neccessary stream data for decoding
>what comes from the HT and what the opcodes are for programming? Does anyone
>know where I can find this info?

http://www.ozemail.com.au/~vk2tds/d7.htm

http://www.best.com/~wdunckel/thd7.html

http://www.radiohound.com/d7zpinfo.htm

>If such a program doesn't exist and I decide to write one for myself, is
>anyone else interested in it? I'm not trying to create hype over vaporware;
>but always short on time and have zero idea how long it would take me even
>WITH the proper info. I'm a programmer for a living and I know I'm capable,
>but in all honesty I've never even written a rudimentary program for the
>PalmOS.

Go for it, I'am way behind on a Mac port of the control program.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

5. [htaprs] Re: PC & THD7

From: "Neil ke6ncx" <ke6ncx@hotmail.com>
Date: Mon, 01 Nov 1999 08:29:34 PST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47682-1999.11.01-10.42.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Subject: PC & THD7
>From: Robert Michaud <r.michaud@glumac-sf.com>
>Date: Sat, 30 Oct 1999 15:26:04 -0700
>X-Message-Number: 3
>
>I am trying to get APRSdos working with the THD7 but I am having problems.
>
>   The first suspect is the home made serial cable
>(using the Mouser cable and R/S DB-9). I used
>the diagram from K4ABT's web site, which seem to
>be the same as the manual. Is this correct?
>   There does not seem to be any communication between
>the PC (com port 2) and the THD7. I tried running a
>a comm. program with the THD7 in TNC Packet mode, no dice.
>I also ran BayCom with another Radio and different cable on the
>same Comm port, so that's working.
>

>-No GPS connected.
>-THD7 on TNC Packet mode not TNC APRS
>-Latest ARPS for Dos - hopefully set up correctly
>-Antenna is away from the noisy computer (I can hear
> packets with the computer on)
>
>Any suggestions on what to check before I buy the Kenwood cable?
>
>You help would be appreciated!
>
>Robert, KD6INI

Suggestion: Use a volt meter to see which lead has signal on it coming from
the D7. (It'll be around 5V as I recall.) This will also serve to validate
the cable tself. The diagram in the manual is correct - or incorrect. It all
depends on how you look at it. Remember that both widgets "transmit" and
"receive" over the line. Point of view matters.

Neil Fullagar, KE6NCX

_____
Get Your Private, Free Email at http://www.hotmail.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

6. [htaprs] Problem when TNC diconnects from a station

From: csuprin@mitre.org (Charles Suprin)
Date: Mon, 01 Nov 1999 11:37:10 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47684-1999.11.01-10.50.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

I was working a local BBS with the transmitter set to EL for power
output. It seemed to work OK but when I disconnected, a message saying
I was disconnected appeared but the prompt never returned.

The easy way I was able to get the prompt back was to power cycle the
unit.

Was this neccessary? Is this typical?

Thanks.

Charles Suprin

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7. [htaprs] Lat/Long Lookup table

From: "Lloyd Mitchell" <kd4htw@bellsouth.net>
Date: Tue, 2 Nov 1999 06:08:04 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47747-1999.11.01-17.22.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check out this page for a lot of lat/long for those without a GPS and a APRS mobile unit

http://www.bcca.org/misc/qiblih/latlong_us.html

8. [htaprs] Battery Clip Problem

From: Darrell Hale <halehome@home.com>
Date: Mon, 01 Nov 1999 18:15:39 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47748-1999.11.01-17.28.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a question about the battery clip destroying the battery pack: Has
this happened with only the factory supplied batteries, or has it occured
with 3rd party batteries as well?

Thanks,

Darrell Hale, N3KTP

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

9. [htaprs] Re: Battery Clip Problem

From: "Lloyd Mitchell" <kd4htw@bellsouth.net>
Date: Tue, 2 Nov 1999 06:34:02 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47752-1999.11.01-17.48.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Twice on factory supplied batteries, I an now on a W&W Associates battery

Lloyd KD4HTW

----- Original Message -----
From: Darrell Hale <halehome@home.com
> I have a question about the battery clip destroying the battery pack: Has
> this happened with only the factory supplied batteries, or has it occured
> with 3rd party batteries as well?
>
> Thanks,
>
> Darrell Hale, N3KTP
>
>
>
> ---
> You are currently subscribed to htaprs as: kd4htw@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] Re: Battery Clip Problem

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Tue, 2 Nov 1999 08:23:24 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47804-1999.11.02-10.36.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Only on Kenwood batteries. I have a couple of W&W Associates batteries and
have abused them a lot and they have not broken! The W&W Associates battery
clip is bulkier than the Kenwood clips but it is a much more rugged
batter/clip.

>From what the Kenwood rep told me was that if you are still in the one year
warranty period, Kenwood will replace the battery under warranty if the clip
breaks.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----
> >
> Twice on factory supplied batteries, I an now on a W&W Associates battery
>
> Lloyd KD4HTW
>
> ----- Original Message -----
> From: Darrell Hale <halehome@home.com
> > I have a question about the battery clip destroying the battery
> pack: Has
> > this happened with only the factory supplied batteries, or has
> it occured
> > with 3rd party batteries as well?
> >
> > Thanks,
> >

> > Darrell Hale, N3KTP

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11. [htaprs] Cable Fixed!

From: Robert Michaud <r.michaud@glumac-sf.com>
Date: Tue, 2 Nov 1999 13:43:57 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47832-1999.11.02-15.46.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to you all (7 of you so far!), APRSdos and the THD7 are now on
speaking terms. It is a bit frustrating that the manual is so "confusing"
about which pin is which for the computer cabling.

I might as well add my peculiar THD7 problem.

If the band A is on data, 144.39 (only!), & APRS TNC selected and band B (2m
or 440, VFO or mem.) has CTCSS (100hz) selected on occasion I will get a
great deal of interference (S9). I have not had a chance to reverse it with
the data band on B and the CTCSS "band" on A. I assume it is some strange
intermod; 144.39 and somehow with the CTCSS. If I turn the CTCSS off and
Tone on it goes away. Anyone have a similar problem?

Robert, KD6INI

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12. [htaprs] Re: Battery Clip Problem

From: "Lloyd Mitchell" <kd4htw@bellsouth.net>
Date: Wed, 3 Nov 1999 18:02:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47840-1999.11.02-17.16.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I took a Motorola clip from a messagewriter pager and it works GREAT on the
W&W battery and is not as bulky. Try it...(slight trimming needed)

Lloyd
----- Original Message -----
From: Herb Gerhardt, KB7UVC <gerhardt@hctc.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Tuesday, November 02, 1999 11:23 AM
Subject: [htaprs] Re: Battery Clip Problem

> Only on Kenwood batteries. I have a couple of W&W Associates batteries
and
> have abused them a lot and they have not broken! The W&W Associates
battery
> clip is bulkier than the Kenwood clips but it is a much more rugged
> batter/clip.
>
> >From what the Kenwood rep told me was that if you are still in the one
year
> warranty period, Kenwood will replace the battery under warranty if the
clip
> breaks.
>
> Herb, KB7UVC
> NW APRS Group, West Sound Coordinator
> www.nwaprs.org <http://www.nwaprs.org>
>
>
> > -----Original Message-----
> > >
> > Twice on factory supplied batteries, I an now on a W&W Associates
battery
> >
> > Lloyd KD4HTW
> >
> > ----- Original Message -----
> > From: Darrell Hale <halehome@home.com
> > > I have a question about the battery clip destroying the battery

> > pack: Has
> > > this happened with only the factory supplied batteries, or has
> > it occured
> > > with 3rd party batteries as well?
> > >
> > > Thanks,
> > >
> > > Darrell Hale, N3KTP
>
>
> ---
> You are currently subscribed to htaprs as: kd4htw@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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13. [htaprs] Protocol Spec Update

From: John Ackermann <jra@febo.com>
Date: Tue, 02 Nov 1999 19:07:29 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47847-1999.11.02-18.20.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The new draft of the APRS Protocol Reference specification is going
through the final phases of update, and we expect to publish it towards
the end of November.

This is a little later than originally anticipated -- the delay is due
to the document's having grown from the original 17 pages to more than
70 over the last three weeks!

The new draft incorporates detailed packet format diagrams, the APRS
symbol tables, descriptions of compressed data format and Mic-E format
(with a complete appendix explaining in detail how to decode Mic-E
packets), and many more examples of APRS packets in general.

There is an enormous amount of detail in the document which the APRS
Working Group is now double-checking. We're sure you'll like the
finished result, and will find it's been worth waiting for. Because
the document has been virtually rewritten since the original draft, we
will have another public comment period prior to final adoption of
Version 1.0.

I'd like to thank the APRS authors as well as our technical editor, Ian
Wade, G3NRW, who have exchanged hundreds of emails over the last few
weeks trying to nail down obscure points in the protocol. Their hard
work has made a real difference in the document we'll be delivering.
I'd also like to thank everyone who commented on the original draft;
all those comments have been taken into consideration for this
iteration.

73,
John N8UR
jra@febo.com

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14. [htaprs] laughlin trip

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Tue, 2 Nov 1999 20:40:34 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47874-1999.11.02-22.56.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

going to be on the road all day wed nov 3 working on tv 21 microwave
hops...will be runnings aprs on 144.39 starting at 7 am

click on the address below to go to the web site to track me if you want to
try it to get my location...

for those of you that have not tracked me in the past, you will need to
spend some time once you get to the maps to learn how to scroll the various
functions....

let me know if it worked for you.....

denny todd kc7rvk runs the internet gateway....

73

qst machine still off the air due to too much rf from the new tx for tv 21

will work on it when i get time...perhaps after the swap and shop this
weekend

find me on a map!   go to   http://map.aprs.net/kd8s-7

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15. [htaprs] Re: [aprsplus] Delorme 3-D TopoQuads ?

From: GPersons <railfan@flash.net>
Date: Wed, 03 Nov 1999 16:44:06 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47934-1999.11.03-16.56.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

So what was the response? It sounds interesting to me!

Gary

At 12:28 PM 10/31/1999 -0800, you wrote:
>Thanks for the prompt reply, Brent.
>73, Cap KE6AFE
>
>At 05:44 AM 10/31/1999 -0800, Brent Hildebrand KH2Z wrote:
>>I have not yet purchased TopoQuads. But I suspect, it will be similar to
>>TopoUSA in its interface. APRS+SA "works" with TopoUSA v1.0, but not with
>>TopoUSA v2.0.   So if TopoQuads is like TopoUSA v2.0, then no, it will not
>>work.
>>
>>Brent KH2Z
>>
>>----- Original Message -----
>>Sent: Saturday, October 30, 1999 11:33 PM
>>Subject: [aprsplus] Delorme 3-D TopoQuads ?
>>
>>> Brent, will APRS+SA eventually be made to work with
>>> Delorme 3-D TopoQuads ?
>>>
>>> This is a new Delorme product that uses the actual USGS 7.5' Quad
>>> topographical maps.
>>> Info at: http://www.delorme.com/quads
>--
>Cap Pennell
>Santa Cruz, CA 95062-1002   3658.93N/12200.91W [CM86xx]
>email: cap@cruzio.com   home page: http://members.cruzio.com/~cap
>packet radio: KE6AFE @ki6eh.#wcca.ca.usa.noam
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] Re: [aprsplus] Delorme 3-D TopoQuads ?

From: GPersons <railfan@flash.net>
Date: Wed, 03 Nov 1999 17:15:18 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47936-1999.11.03-17.27.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok. I'm a dummy. I didn't read the whole posting. Please disregard this! So sorry.

Gary

At 04:44 PM 11/03/1999 -0600, you wrote:
>So what was the response? It sounds interesting to me!
>
>Gary
>
>
>At 12:28 PM 10/31/1999 -0800, you wrote:
>>Thanks for the prompt reply, Brent.
>>73, Cap KE6AFE
>>
>>At 05:44 AM 10/31/1999 -0800, Brent Hildebrand KH2Z wrote:
>>>I have not yet purchased TopoQuads. But I suspect, it will be similar to
>>>TopoUSA in its interface. APRS+SA "works" with TopoUSA v1.0, but not with
>>>TopoUSA v2.0.   So if TopoQuads is like TopoUSA v2.0, then no, it will not
>>>work.
>>>
>>>Brent KH2Z
>>>
>>>----- Original Message -----
>>>Sent: Saturday, October 30, 1999 11:33 PM
>>>Subject: [aprsplus] Delorme 3-D TopoQuads ?
>>>
>>>> Brent, will APRS+SA eventually be made to work with
>>>> Delorme 3-D TopoQuads ?
>>>>
>>>> This is a new Delorme product that uses the actual USGS 7.5' Quad
>>>> topographical maps.
>>>> Info at: http://www.delorme.com/quads
>>--
>>Cap Pennell
>>Santa Cruz, CA 95062-1002   3658.93N/12200.91W [CM86xx]
>>email: cap@cruzio.com   home page: http://members.cruzio.com/~cap
>>packet radio: KE6AFE @ki6eh.#wcca.ca.usa.noam
>>
>>
>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] columbus ohio trip

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Mon, 8 Nov 1999 06:47:53 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48457-1999.11.08-09.04.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

just returned from vacation in the Columbus, Cincinnati area.

hams have told me when I got back home that there must not he a 24/7 I gate in Columbus as I was never seen up on the web.

there must be a I gate in cincin.

without 24/7 I gates   its not as much fun to be out running around out of town.

I did ask southwest airlines about using my Th-d7 and GPS. they wanted to let me play but because they were unsure, the answer was no, and once I showed one of the pilots the GPS and the thd7, the thought was it might make passengers uneasy. I understand that part for sure. I would feel uneasy if a passenger started goofing around with a device that I did not know what it was all about.

I put a question in my APRs text asking for local talkback frequencies, and
PL tones, and got plenty of answers back so I was able to meet local APRs
hams on voice machines.

I guess it would be nice to have one frequency for APRs voice talkback, on
uhf since its a dualband th-d7

73
find me on a map!   go to   http://map.aprs.net/kd8s-7

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] RE: columbus ohio trip

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 8 Nov 1999 11:21:38 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48481-1999.11.08-10.35.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Scott,

 Good idea for a APRS talk back frequency. Some hams put the repeater they
are listing to in their beacon text. I would suggest we use the 440 national
simplex frequency of 446.00 as 440 simplex traffic is very little in most
places.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: STEVE SCOTT LAS VEGAS [SMTP:kd8s@skylink.net]
> Sent: Monday, November 08, 1999 9:48 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] columbus ohio trip
>
> just returned from vacation in the Columbus, Cincinnati area.
>
> hams have told me when I got back home that there must not he a 24/7 I
> gate
> in Columbus as I was never seen up on the web.
>
> there must be a I gate in cincin.
>
>
> without 24/7 I gates   its not as much fun to be out running around out
> of
> town.
>
> I did ask southwest airlines about using my Th-d7 and GPS. they wanted
> to
> let me play but because they were unsure, the answer was no, and once I
> showed one of the pilots the GPS and the thd7, the thought was it might
> make passengers uneasy. I understand that part for sure. I would feel
> uneasy if a passenger started goofing around with a device that I did not
> know what it was all about.
>
>
> I put a question in my APRs text asking for local talkback frequencies,
> and
> PL tones, and got plenty of answers back so I was able to meet local APRs
> hams on voice machines.
>
> I guess it would be nice to have one frequency for APRs voice talkback,
> on
> uhf since its a dualband th-d7
>
>
> 73

> find me on a map!   go to   http://map.aprs.net/kd8s-7
>
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] Garmin eMap GPS with D7?

From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
Date: Mon, 8 Nov 1999 22:18:30 -0800 (PST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48581-1999.11.09-00.31.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone done this, or have any comments about the eMap?
It looks like the samllest GPS with display and NMEA available.
73, doug

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] Stolen Equip (2)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 9 Nov 1999 12:24:37 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48608-1999.11.09-11.38.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>A friend's Equipment got stolen and may show up on the air. The call is
>WD8LAQ-9. If you ever see any packets from it, please alert everyone.

This was a THD7 and it was in APRS mode and it will send out packets
when it is turned on!

Although the position will be invalid, the most important information
will be noticing the first digipeater in the path. THis can tell us the
general area to home in on with DF equipment.

This is a good example of the power of digipeater's callsign substitution
and vicinity tracking. If you see it, Be careful of sending any BULLETINS
since the thief will also be able to read it...(the first 45 characters
anyway)...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Fw: Sony to Introduce Notebook PC with GPS Receiver

From: rbost@itexas.net (Roy Bost)
Date: Tue, 9 Nov 1999 16:25:13 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48646-1999.11.09-16.38.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> CHECK THIS OUT!!!!   I wonder how this would work with a D7?!
>
> > http://www.nikkeibp.asiabiztech.com/wcs/leaf?CID=onair/asabt/moren/85186
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Kenwood TM-D700A

From: "Darwin Thompson" <K6USW@webtv.net>
Date: Tue, 9 Nov 1999 21:10:46
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48691-1999.11.09-21.24.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi I got the new HRO Catalog and the new Kenwood radio is in it. The model
number is TM-D700A. The radio is not ready to sell. There is no price
either. 73 Dar K6USW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] Re: Kenwood TM-D700A

From: Jon Ogden <jono@enteract.com>
Date: Tue, 09 Nov 1999 21:22:09 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48692-1999.11.09-21.35.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 11/9/99 9:10 PM, Darwin Thompson at K6USW@webtv.net wrote:

> Hi I got the new HRO Catalog and the new Kenwood radio is in it. The model
> number is TM-D700A. The radio is not ready to sell. There is no price
> either. 73 Dar K6USW

Yup. It's in the new AES catalog as well. Same story tho.

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] rand mc nally and thd7

From: "Tom Hoedjes" <al0l@arrl.net>
Date: Fri, 12 Nov 1999 9:56:3
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49210-1999.11.12-10.09.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Sig,

Has anybody hooked up a rmn gps with his d7 ?

It works with winaprs and palmaprs but I have problems with my d7.

The pos indicator starts blinking as there is any data coming in but
no gps fix....

By the way I hae a d7e from Europe.

I noticed that the gga sentence has 4 positions behind the comma, maybe
that is the problem..

The d7e has no revisions yet...

So I am interested in any experiences ....

I am now in Florida....hooking on to APRS....maybe in the future you see me
in HB9land   as HB9DOD..

73 de Tom

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Re: Sony to Introduce Notebook PC with GPS Receiver

From: "EXT-Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Fri, 12 Nov 1999 08:04:20 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49213-1999.11.12-10.17.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> http://www.nikkeibp.asiabiztech.com/wcs/leaf?CID=onair/asabt/moren/85186
<http://www.nikkeibp.asiabiztech.com/wcs/leaf?CID=onair/asabt/moren/85186>

Sony notebook support is unable to answer questions about this unreleased
($2800) computer. The picture makes it look like the GPS uses up a COM port
so what's the advantage? The "reflective polycrystalline silicon LCD
display" sounds great, does anyone know if a cheaper laptop exists with this
kind of display?

Russ Brown, KB6LUD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] eMap WPL capable?

From: "EXT-Brown, Russell R" <Russ.Brown@West.Boeing.com>
Date: Fri, 12 Nov 1999 08:36:36 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49224-1999.11.12-10.50.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone read the Garmin eMap manual to find out whether it can accept the
WPL sentence?

Thanks,
Russ Brown, KB6LUD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

27. [htaprs] Capture WinAPRS Map

From: "Bill McLarty" <bmclarty@trustmark.com>
Date: Fri, 12 Nov 1999 10:45:21 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49225-1999.11.12-10.59.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm preparing a PowerPoint presentation for a club meeting on APRS. Can someone
share with me the trick to capturing a WinAPRS map, loaded with icons, and
applying it to a PowerPoint slide? Messrs. Sproul?

Trying to promote the mode in Mississippi...

 de KM5GE, Bill McLarty
km5ge@arrl.net = bmclarty@trustmark.com
www.jxnarc.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] Re: Capture WinAPRS Map

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Fri, 12 Nov 1999 11:00:17 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-49229-1999.11.12-11.13.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bill,

Hit the Print Scrn key on your keyboard, then
launch a graphics program like MS Paint, something

maybe better if you want to say the image in Jpeg
format. Once the program is running, click on
Edit, then paste..

There you have the file to import into
PowerPoint..

Good luck.. 73

Bill McLarty wrote:
>
> I'm preparing a PowerPoint presentation for a club meeting on APRS. Can someone
> share with me the trick to capturing a WinAPRS map, loaded with icons, and
> applying it to a PowerPoint slide? Messrs. Sproul?
>
> Trying to promote the mode in Mississippi...
>
> de KM5GE, Bill McLarty
> km5ge@arrl.net = bmclarty@trustmark.com
> www.jxnarc.org
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] Re: Capture WinAPRS Map

From: "Walter Dunckel" <walterd@radiohound.com>
Date: Fri, 12 Nov 1999 09:24:56 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49233-1999.11.12-11.36.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use Capture Eze. It works very well, and I think it gets a better quality
image. You can try it for free for 45 days at:
http://hotfiles.zdnet.com/cgi-bin/texis/swlib/hotfiles/info.html?fcode=000P1
T

Walter

-----Original Message-----
From: Bill McLarty <bmclarty@trustmark.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Friday, November 12, 1999 8:48 AM
Subject: [htaprs] Capture WinAPRS Map

>
>
>I'm preparing a PowerPoint presentation for a club meeting on APRS. Can
someone
>share with me the trick to capturing a WinAPRS map, loaded with icons, and
>applying it to a PowerPoint slide? Messrs. Sproul?
>
>Trying to promote the mode in Mississippi...
>
> de KM5GE, Bill McLarty
>km5ge@arrl.net = bmclarty@trustmark.com
>www.jxnarc.org
>
>
>
>---
>You are currently subscribed to htaprs as: walterd@radiohound.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] Re: Capture WinAPRS Map

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Fri, 12 Nov 1999 11:42:37 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49237-1999.11.12-11.56.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you press the PRINT SCREEN key on your keyboard
what ever you have full screen will be copied to the
clipboard in Win/95/98. Then in any old graphics program
just paste the clipboard into a new image, and save it in
the format you require.

73

Flip Minton N9AZZ
fminton@midwest.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] Meteor Scatter, APRS and TH-D7A

From: "Steve Sande" <kc0ezh@arrl.net>
Date: Fri, 12 Nov 1999 12:15:43
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49244-1999.11.12-12.29.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi - hopefully I didn't accidentally send this message twice..(my finger
slipped a minute ago...) Anyway, I received an ARRL note a minute ago with
info about their APRS meteor scatter experiment that will happen next week.
I would assume that the TH-D7A would work just fine for this, but would
like to know if there are any specific settings that should be set on the
rig... The message from ARRL follows:

ARRL Maxim Memorial Station W1AW will participate for the first time
in a meteor-scatter experiment by attempting to bounce APRS packets
off the ionized particles resulting from the Leonids meteor shower.
>From 2100 UTC on November 12 through November 19, W1AW will operate
WinAPRS-equipped stations on 6 and 2 meters. W1AW will monitor and
beacon on 53.530 and 147.585 MHz continuously, transmitting its grid
square.

On 6 meters, W1AW will use an ICOM IC-756 running 100 W with an
MFJ-1278 TNC. On 2 meters, W1AW will use an ICOM IC-271 at 45 W with
a KAM All-Mode TNC. An article in November QST (''An Automated
Meteor-Scatter Station'' by Ev Tupis, W2EV) explains the experiment.

QSLs will be available for all stations receiving W1AW's APRS
beacons. An SASE is requested. A list of call signs of stations
received at W1AW will be posted daily
http://www.arrl.org/announce/leonids_experiment.html.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] Re: Meteor Scatter, APRS and TH-D7A

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 12 Nov 1999 14:03:36 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-49262-1999.11.12-13.17.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 12 Nov 1999, Steve Sande wrote:

> Hi - hopefully I didn't accidentally send this message twice..(my finger

> slipped a minute ago...) Anyway, I received an ARRL note a minute ago with
> info about their APRS meteor scatter experiment that will happen next week.
> I would assume that the TH-D7A would work just fine for this, but would
> like to know if there are any specific settings that should be set on the
> rig... The message from ARRL follows:

Receive, YES, if attached to a BEAM. But XMIT is useless unless you have
a 100W amp. You would only add QRM to other locals without it...

ALso, the THD7 does not receive ANY of the many GRIDSQUARE formats. That
is why I proposed a NEW GRID format that the THD7 CAN receive (APRSdos
implemented it, but then the other authors have not yet agreed to it and
so we now have multiple formats.. for this Leonids). Thus, if you want to
capture ALL packets, then use a real TNC or the THD7 in PACKET mode.

Bob

> > ARRL Maxim Memorial Station W1AW will participate for the first time
> in a meteor-scatter experiment by attempting to bounce APRS packets
> off the ionized particles resulting from the Leonids meteor shower.
> >From 2100 UTC on November 12 through November 19, W1AW will operate
> WinAPRS-equipped stations on 6 and 2 meters. W1AW will monitor and
> beacon on 53.530 and 147.585 MHz continuously, transmitting its grid
> square.
>
> On 6 meters, W1AW will use an ICOM IC-756 running 100 W with an
> MFJ-1278 TNC. On 2 meters, W1AW will use an ICOM IC-271 at 45 W with
> a KAM All-Mode TNC. An article in November QST (''An Automated
> Meteor-Scatter Station'' by Ev Tupis, W2EV) explains the experiment.
>
> QSLs will be available for all stations receiving W1AW's APRS
> beacons. An SASE is requested. A list of call signs of stations
> received at W1AW will be posted daily
> http://www.arrl.org/announce/leonids_experiment.html.
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

33. [htaprs] Re: Capture WinAPRS Map

From: "Bill Kearns" <billk@inland.net>
Date: Fri, 12 Nov 1999 18:06:37 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49343-1999.11.12-20.19.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>
> I'm preparing a PowerPoint presentation for a club meeting on APRS. Can
someone
> share with me the trick to capturing a WinAPRS map, loaded with icons, and
> applying it to a PowerPoint slide? Messrs. Sproul?
>
> Trying to promote the mode in Mississippi...

would this help?

1. hit the 'Print Screen / SysRq' key one time
2. Then, click on -- 'start/programs/accessories/paint'
3. after 'Paint' comes up, do a 'control-v'

4. now you can print out your captured WinAprs map
and simply use it with an overhead projector for your presentation

dunno if this will help or not....

73, bill

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

34. [htaprs] Print-Screen & Alt-Print Screen

From: "BobD" <BobD@virtualconst.com>
Date: Sat, 13 Nov 1999 09:18:34 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49465-1999.11.13-08.55.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Everyone is recommending that one use Print-Screen to capture a WinAPRS map.
If you use just the Print Screen key, you get a copy of the entire screen
copied into the clipboard. This is OK if you have the window that you want
to copy maximized, but if running in a less tan full screen window you grab
a bunch of stuff you don't want/need.

Use the Alt-Print Screen key combo instead. This captures the ACTIVE window
(that's the window you are currently working in) into the clipboard.

Below is the text from Windows | Help;

To copy the window or screen contents

To copy an image of the window that is currently active, press ALT+PRINT
SCREEN.
To copy an image of the entire screen, press PRINT SCREEN.
Note

To paste the image into a document, on the Edit menu in the document window,
click Paste.

73...Bob, N2IPH

```
                |       '95 AM General Hummer
                |
    |           |
   _|___________|_
  |  /    |   /   |     Bob Derderian, N2IPH
[]|_______|_______|[]   PO BOX 551
 \/____|=====|____\/    Bridgeton, NJ 08302
  [._\0|||||||0/_.]     (609) 455-7581
  |X|$\_U___U_/$|X|     http://www.qsl.net/n2iph
  [X]           [X]     mailto:n2iph@qsl.net
  [X]           [X]     144.390S / 146.520S / 52.525S
^v^v^v^v^v^v^v^v^v^v^v  Find me on the 'net at:
http://www.aprs.net:8000/n2iph-7
```

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] saturday nov 13 99

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 13 Nov 1999 15:02:44 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49545-1999.11.13-17.15.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

it might be fun for everyone out of town....i wll be takeing my gps and thd7
down on the las vegas strip tonight....figure 8p tp midnight pacific time

i am going to get some coordinates for some "interesting places"

so since i am going to lug around this stuff let me know if you track it.

fyi...the security at the casinos and other "adult places" are not to

happy to see someone loaded with electronics....ha ha

73

steve scott

kd8s@skylink.net
las vegas

sbe, scet, narte, smtpe, arrl, etc etc etc
find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] vegas i gete

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 13 Nov 1999 21:02:14 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49603-1999.11.13-23.14.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i gate from las vegas is down on saturday night so you wont see me on the
strip

duh
find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] Re: Print-Screen & Alt-Print Screen

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 14 Nov 1999 23:27:00 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49856-1999.11.15-01.40.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I encourage you to get a screen capture program, you can get a demo version
FREE, it is the best way to capture screen images. Go to
http://www.hyperionics.com. It is an excellent product.

Good luck.

At 09:18 AM 11/13/99 -0500, BobD wrote:
>Everyone is recommending that one use Print-Screen to capture a WinAPRS map.
>If you use just the Print Screen key, you get a copy of the entire screen
>copied into the clipboard. This is OK if you have the window that you want
>to copy maximized, but if running in a less tan full screen window you grab
>a bunch of stuff you don't want/need.
>
>Use the Alt-Print Screen key combo instead. This captures the ACTIVE window
>(that's the window you are currently working in) into the clipboard.
>
>Below is the text from Windows | Help;
>
>To copy the window or screen contents
>
>To copy an image of the window that is currently active, press ALT+PRINT
>SCREEN.
>To copy an image of the entire screen, press PRINT SCREEN.
>Note
>
>To paste the image into a document, on the Edit menu in the document window,
>click Paste.
>
>73...Bob, N2IPH
>
>
> | '95 AM General Hummer

```
>                 |
>     |           |
>     _|__________|_
>   |  /    |   /   |     Bob Derderian, N2IPH
>[]|_______|_______|[]   PO BOX 551
>  \/____|=====|____\/    Bridgeton, NJ 08302
>   [._\0|||||||0/_.]     (609) 455-7581
>   |X|$\_U___U_/$|X|     http://www.qsl.net/n2iph
>   [X]           [X]     mailto:n2iph@qsl.net
>   [X]           [X]     144.390S / 146.520S / 52.525S
>^v^v^v^v^v^v^v^v^v^v^v^v  Find me on the 'net at:
>http://www.aprs.net:8000/n2iph-7
>
>
>
>---
>You are currently subscribed to htaprs as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---------------
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---------------


---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

38. [htaprs] D7A/GPS Woes

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Mon, 15 Nov 1999 05:14:28 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49884-1999.11.15-05.28.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello

I have just purchased a D7A, and I am having some problems
getting it to except data from the GPS.

I have a Garmin GPS II Plus. This unit works well with any other
device. Driving my old tnc as a tracker. Or working with Street
Atlas, or Topo 2.0. So I know that data is getting out.

I have the unit set to NMEA/NMEA 2.0 4800. I have also
tried NONE/NEMA

I have wired the D7A's supplied cable to a male DB9 and plugged
it in to my Pfranc manufactured data/power cable. I placed the
Kenwood red wire on pin 2 of the db9. The white wire on pin 3
of the DB9 and the shield on pin 5.

Data is being sent to the GPS. I see new waypoints being created
as these stations are received, but no data is going to the radio.

I have made sure that GPS is set to NMEA in the radio. I have re-done
these connections over and again. I have also made a cable with
a garmin plug, bypassing my data/power cable. Nothing. The rig
beeps about every 10 seconds, that's it. I have also switched
the lines, red and white between the two pins, nothing. I have done
a full reset on the radio with the same results. When I press POS
I get nothing but zeros.

Any help out there guys, or is this one toasted. It has worked, it was a
demo that was used by a dealer to go cross country to a hamfest.

73 es tnx

Flip Minton N9AZZ
fminton@midwest.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

39. [htaprs] Thanks for help - Print Screen

From: "Bill McLarty" <bmclarty@trustmark.com>
Date: Mon, 15 Nov 1999 09:03:16 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49935-1999.11.15-09.17.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all who responded to my request for help in capturing map screens for
use in a PowerPoint presentation. The simple Print Screen, Paint paste, save as
solution was adequate for my original purpose. I'll definitely use one of the
print capture programs with editting ability should I decide to do something
more elegant on the web page I manage for the Jackson (MS) ARC.

Watch for us. Our digi is AB5WF. Close by is K5ZRO in Vicksburg.

Bill McLarty, KM5GE
km5ge@arrl.net = bmclarty@trustmark.com
www.jxnarc.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

40. [htaprs] Re: Capture WinAPRS Map

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Mon, 15 Nov 1999 11:42:40 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49986-1999.11.15-12.57.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tips:

[Print Screen] gives you the entire desktop image, including the status bar.

[Alt][Print Screen] limits the capture to just the active window (with no mouse cursor in the way).
You might prefer this method because you won't have to crop out the superfluous areas in a
paint program.

You can also Ctrl-V into WordPad.

73,
Tony Arnerich KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] [amsat-bb] Can the TH-D7A or new Kenwood receive 9600 FSK satellites

From: rparry%xe2lmc.bbs@xe2crh.ampr.org
Date: Tue, 16 Nov 1999 06:01:20 CDT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50141-1999.11.16-05.13.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Both the Kenwood TH-D7A and the announced new Kenwood transceivers support
9600 satellites. Does that mean I don't need an external 9600 FSK modem
such as a Paccomm modem.

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Fw: 6 am tuesday nov 16

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Tue, 16 Nov 1999 07:03:13 -0800

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50170-1999.11.16-09.15.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: STEVE SCOTT LAS VEGAS <kd8s@skylink.net>
To: rhonda mauer <MAUER@milan.k12.in.us>
Date: Tuesday, November 16, 1999 6:12 AM
Subject: 6 am tuesday nov 16

>dear Rhonda
>
>
>   thats good news for you. all I really wanted was for you to
find
>someone that can fulfill ALL your needs.
>
>   There is no reason for someone like you that has so much to
offer
>to settle for less than what you want, we have always talked about that,
and
>I understand.
>
>   Well for me, its not so easy to go and let any other woman touch
me
>after knowing you. Its not that easy for me to just go out and try to
>figure out what games someone new wants to play, I can't handle it. so I
am
>going to stay the way I have been.
>
> about your trip to Las Vegas, in light of recent developments, it might
not
>be such a great idea for you to stay with me.
>
>   I was thinking that its no loss for you on the tickets, but you could
>always suggest to your new friend a celebration of your relationship during
>the new year. if he acts now he can still get a room, and tickets.
>
>   I think you do need a break out of town and away from all the
>responsibility, I just don't think you need to try to fake it with me
>anymore.
>
>
>I still care a lot about you , but I hope that now that you have met
>another man that seems to be ok on the surface, I hope we can still talk.
I
>just know that as soon as you get back on the e mail circuit, you will have
>men wanting to come see you, and fly you all over the place.
>
>just remember there are a lot of wealthy men out there that like to break
>hearts and, a lot of men that don't have a dime but are heavy in debt
>playing a game of big shot.
>
>please continue to let me know how things are going with you Gracie.
>
>Steve
>find me on a map!   go to   http://map.aprs.net/kd8s-7
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] New version of a good FREE Print-Screen tool

From: kenneth.e.nichols@bellatlantic.com
Date: Tue, 16 Nov 1999 13:27:56 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50217-1999.11.16-12.41.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Go to this www site for a very good FREE print screen program.   The latest
version is now available and is really powerful. If you use it in conjunction
with a good word processor (MS Word, etc.) you can create some very visual
wysiwyg software documentation or overhead presentations.   When it is running,
it will capture any image when you hit the Pring Screen key and then allow you
to manipulate it for pasting into a document, or just printing it out.   In
addition to entire screen captures, you can clip and save only the section of a

window you want to capture. It also supports the most popular image file
formats for import or export.

http://free.prohosting.com/~printkey/

Ken Nichols, KD3VK
kd3vk@nichols.cc

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] Re: [amsat-bb] Can the TH-D7A or new Kenwood receive 9600 FSK satellites

From: Carl <carl_mail@dr.com>
Date: Tue, 16 Nov 1999 23:51:04 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-50265-1999.11.16-18.04.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Both the Kenwood TH-D7A and the announced new Kenwood transceivers support
> 9600 satellites. Does that mean I don't need an external 9600 FSK modem
> such as a Paccomm modem.

Please correct me if I'm wrong, but I thought that since the thd7 wasnt
full duplex it couldnt be used for satellite working...just listening?

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] love letter post

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Tue, 16 Nov 1999 18:01:26 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50282-1999.11.16-20.14.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hey...sorry about that guys......

hope you all had a good laugh!

i sure did when i heard it got on the sig

73
find me on a map! go to http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] kenwood d7 problems

From: Chris Rose <kb8uih@bytethis.com>
Date: Wed, 17 Nov 1999 06:06:05 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50370-1999.11.17-05.20.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am having trouble with my d7. According to the manual(paperback) I am
supposed to set just a few settings and be able to listen and decode
aprs packets. I thought I did what the manual said but I am not seeing
anything on the units' display when I hear it receive the burst of data
from a local aprs station. The received signal strength is very high.
Any takers on this one? I don't have it hooked up to the laptop at
present, I will try later, I haven't found a map I like to display

yet(WinAPRS). I am located in lower MI.

Thanks,

Chris

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] Re: kenwood d7 problems

From: "Aaron Wheeler" <kc8cal@radiotoys.com>
Date: Wed, 17 Nov 1999 6:27:52
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50384-1999.11.17-06.41.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It sound like your receiving the data fine.
First, did you set 2m as your data band? Step 1-4-1 selects the band that
you want the tnc to connect with. Two, did you turn the tnc on? The built
it tnc has two modes. One turns the tnc on and uses the firmware to
translate tnc data. The other is tnc/packet mode. This is used when
connecting to your computer. If the radio is in tnc/packet mode, chances
are you'll never translate any information unless running a pc too. I hope
I've been of help. Basically all you need is to have the radio set to
144.39mHz, 2m set as the data band, and the tnc on and your should receive
and translate APRS data.
Pressing "LIST" shows all stations received, and the Tuning Control helps
navigate through the info.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] Re: [amsat-bb] Can the TH-D7A or new Kenwood receive 9600 FSK satellites

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 17 Nov 1999 09:19:18 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-50396-1999.11.17-08.33.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 16 Nov 1999, Carl wrote:

> > Both the Kenwood TH-D7A and the announced new Kenwood transceivers support
> > 9600 satellites. Does that mean I don't need an external 9600 FSK modem
> > such as a Paccomm modem?
>
> Please correct me if I'm wrong, but I thought that since the thd7 wasnt
> full duplex it couldnt be used for satellite working...just listening?

Correct, the THD7 HT works fine in 9600 baud receive-only mode.
THe new TM-V700, however, should make a very good mobile PACSAT station.

I said "mobile" because since the radio's serial port is shared between
radio control functions and the TNC, this means existing software cannot
autmoatically QSY the radio for doppler tracking while also operating in
KISS mode for the data. So for a mobile, you always have an operator
present, and he can shift the radio manually down 5 KHz 2 or 3 times
during the pass....

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Re: D7A/GPS Woes

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Thu, 18 Nov 1999 01:17:26 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "APRS HT" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50599-1999.11.18-01.31.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well to the several people who have the same problem with
communication between the D7A and GPS being only one way,

I have bad news. I was unable to find a fix. I received no fixes that worked
from the lists, and a call to Kenwood resulted in nil results.

I have had the radio replaced with a new one and things are now fine, with
the cables I made. The demo model is not working properly I would suggest
you send your rigs in for repair.

73
Flip Minton N9AZZ
fminton@midwest.net

> Hello
>
> I have just purchased a D7A, and I am having some problems
> getting it to except data from the GPS.
>
> I have a Garmin GPS II Plus. This unit works well with any other
> device. Driving my old tnc as a tracker. Or working with Street
> Atlas, or Topo 2.0. So I know that data is getting out.
>
> I have the unit set to NMEA/NMEA 2.0 4800. I have also
> tried NONE/NEMA
>
> I have wired the D7A's supplied cable to a male DB9 and plugged
> it in to my Pfranc manufactured data/power cable. I placed the
> Kenwood red wire on pin 2 of the db9. The white wire on pin 3
> of the DB9 and the shield on pin 5.
>
> Data is being sent to the GPS. I see new waypoints being created
> as these stations are received, but no data is going to the radio.
>
> I have made sure that GPS is set to NMEA in the radio. I have re-done
> these connections over and again. I have also made a cable with
> a Garmin plug, bypassing my data/power cable. Nothing. The rig
> beeps about every 10 seconds, that's it. I have also switched
> the lines, red and white between the two pins, nothing. I have done
> a full reset on the radio with the same results. When I press POS
> I get nothing but zeros.
>
> Any help out there guys, or is this one toasted. It has worked, it was a
> demo that was used by a dealer to go cross country to a hamfest.
>
> 73 es tnx
>
> Flip Minton N9AZZ
> fminton@midwest.net
>
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Re: [amsat-bb] Can the TH-D7A or new Kenwood receive 9600 FSK satellites

From: "Darryl Smith" <vk2tds@ozemail.com.au>
Date: Thu, 18 Nov 1999 19:06:21 +1100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50602-1999.11.18-03.15.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day

>I said "mobile" because since the radio's serial port is shared between
>radio control functions and the TNC, this means existing software cannot
>autmoatically QSY the radio for doppler tracking while also operating in
>KISS mode for the data. So for a mobile, you always have an operator
>present, and he can shift the radio manually down 5 KHz 2 or 3 times
>during the pass....

At least for thd D7A there is the ability to go from TNC mode to COMMAND
mode and back using undocumented commands. They are on my WWW page
 http://www.ozemail.com.au/~vk2tds). The only thing is that it resets the
TNC when you go into it again. The more I learn about the D7A and think

about it the more I learn that it is really is a fantastic piece of
integration, rather than design.

Basically there is no reason why a D7A cannot be programmed to change
frequency for doppler, with a small matter of programming....

Darryl

Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] Re: [amsat-bb] Can the TH-D7A or new Kenwood receive 9600 FSK satellites

From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
Date: Thu, 18 Nov 1999 07:55:49 -0800 (PST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: Bob Bruninga <bruninga@nadn.navy.mil>
Message-ID: <LYR845-50654-1999.11.18-10.09.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No mike clicks available?
73, doug

On Tue, 16 Nov 1999, Carl wrote:

> > Both the Kenwood TH-D7A and the announced new Kenwood transceivers support
> > 9600 satellites. Does that mean I don't need an external 9600 FSK modem
> > such as a Paccomm modem?
>
> Please correct me if I'm wrong, but I thought that since the thd7 wasnt
> full duplex it couldnt be used for satellite working...just listening?

Correct, the THD7 HT works fine in 9600 baud receive-only mode.
THe new TM-V700, however, should make a very good mobile PACSAT station.

I said "mobile" because since the radio's serial port is shared between
radio control functions and the TNC, this means existing software cannot
autmoatically QSY the radio for doppler tracking while also operating in
KISS mode for the data. So for a mobile, you always have an operator
present, and he can shift the radio manually down 5 KHz 2 or 3 times
during the pass....

de WB4APR, Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] GPS

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Fri, 19 Nov 1999 05:17:00 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50682-1999.11.18-13.30.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello I like to know if the Garmin GPS III plus version works with the
Kenwood HT   TH-D7 73 all from the Gold-Coast Australia

--
Name   : Art.van.Esch
Url   : http://www.winshop.com.au/vk4go
location   : Surfers-Paradise
Country   : Australia 4217
Callsign   : VK4GO
ICQ   : 139612

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] Bell Labs Geolocation Technology Pinpoints Wireless 911 Calls Within 15 Feet

From: kenneth.e.nichols@bellatlantic.com
Date: Thu, 18 Nov 1999 17:37:23 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50709-1999.11.18-16.51.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Interesting reading at:

http://www.bell-labs.com/news/1999/june/30/1.html

Looks to be a differential system with a mobile twist?
-Ken- KD3VK

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

54. [htaprs] TH-D7

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Fri, 19 Nov 1999 10:27:21 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: aprs world <htaprs@lists.tapr.org>
Message-ID: <LYR845-50720-1999.11.18-18.40.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone can tell me if the Garmin GPS-38 is working with the Kenwood HT
TH-D7 ... 73 all de Art
--
Name   : Art.van.Esch
Url   : http://www.winshop.com.au/vk4go/aprswhat.htm
location   : Surfers-Paradise
Country   : Australia 4217
Callsign   : VK4GO
ICQ   : 139612

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Re: Wireless 911 Calls Within 15 Feet

From: Darrell Hale <halehome@home.com>
Date: Sun, 21 Nov 1999 10:37:29 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51198-1999.11.21-09.49.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>http://www.bell-labs.com/news/1999/june/30/1.html
>
>Looks to be a differential system with a mobile twist?

One approach (this one?) is to put a minimal GPS front end in the phone and
pass the initial RF results back to the base station. The location
processing is then done by a base station computer to determine the location
fix, instead of doing all of the processing in the phone and then sending a
fix result to the base station.

The GPS information sent to the phone is just part of the initialization
process, since the GPS portion is only turned on when needed (and thus
saving battery power). These solutions will be of limited use for customer
wanting fulltime GPS data since it is only active when commanded on, and
then the processing portion is done in the phone network.

Darrell

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] Re: kenwood d7 problems

From: Jon Ogden <jono@enteract.com>
Date: Sun, 21 Nov 1999 22:14:15 -0600

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51289-1999.11.21-22.28.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 11/17/99 12:06 AM, Chris Rose at kb8uih@bytethis.com wrote:

> I am having trouble with my d7. According to the manual(paperback) I am
> supposed to set just a few settings and be able to listen and decode
> aprs packets. I thought I did what the manual said but I am not seeing
> anything on the units' display when I hear it receive the burst of data
> from a local aprs station. The received signal strength is very high.
> Any takers on this one? I don't have it hooked up to the laptop at
> present, I will try later, I haven't found a map I like to display
> yet(WinAPRS). I am located in lower MI.

How many times did you press the "TNC" button. If it says, "Packet" on the
display, that won't work for APRS packets. That puts it in "TNC" mode.
Just press the TNC button ONCE for APRS mode.

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

57. [htaprs] new APRS software

From: "Peter ZR5DWC" <zr5dwc@iafrica.com>
Date: Mon, 22 Nov 1999 08:22:48 +0200
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51309-1999.11.22-00.36.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

I have been sent this address for a new APRS software. It is designed by the
makers of winPACK . I do not know if it supports the sound card modem
configuration as I have not yet looked at it.

Here is the url:
http://www.peaksys.freeserve.co.uk/uiview/

73'

Peter
ZR5DWC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] RE: new APRS software

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Mon, 22 Nov 1999 09:08:14 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51320-1999.11.22-02.25.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Peter ZR5DWC [mailto:zr5dwc@iafrica.com]
> Sent: Monday, November 22, 1999 7:23 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] new APRS software
>
>

> Hi All
>
> I have been sent this address for a new APRS software. It is
> designed by the
> makers of winPACK . I do not know if it supports the sound card modem
> configuration as I have not yet looked at it.
>
> Here is the url:
> http://www.peaksys.freeserve.co.uk/uiview/
>
> 73'
>
> Peter
> ZR5DWC

Hi

It supports the AGW packet engine, so everything that works under agw works
under ui-view.

the public version 2.1 does not do internet gated packets correct, but this
is fixed in beta version 2.11 and 2.12

don't be confused by the high version number it is stil in early stages so
not everything is working as you might want to.

73 de Andre PE1RDW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Why can't I find him?

From: "Norman I. Huber" <nihuber@ice.net>
Date: Mon, 22 Nov 1999 8:14:11
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51342-1999.11.22-08.28.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can see right now that I do not understand what is going on. I just
looked for you (WB1CFQ) and can not find you using either
http://map.aprs.net/wb1cfq or www.aprs.net:8000/wb1cfq.
I can find myself on both. If your D7A is working as it was as we rode down
I-55 (at least as far as Springfeild IL) the problem would appear to be
with I-gate availability. If not it's time to get out your 10x loop again
when you get home.
I sent a copy of this the htaprs sig in case someone can provide me with a
head slap to refresh my memory as to what is wrong.

Norm - N9ZKS-7
Ham, Motorcyclist, Bicyclist, Scouter
Year 2000 Compliant

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] Re: D7A/GPS Woes

From: ena@scruznet.com
Date: Mon, 22 Nov 1999 08:09:49 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51358-1999.11.22-10.33.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It sounds like it's a firmware problem. There is a kenwood service bulletin posted at
their site:

ftp://216.98.255.24/e%3A/kenwood/kenftp/kenwood/Amateur/AmateurServiceBulletins/ASB1063REV1.PDF

The information on the bulletin is somewhat cryptic. I spoke with a tech at the
service center who explained it to me. The original firmware does not work
properly with some (newer) GPS units.

It should not come as a surprise to anyone who is familiar with software that
when one tries to integrate several pieces of software from different sources
(HT firmware, APRS, TNC)the result is buggy. This bug is only one of several
I've run across with the D7A. The others have been mentioned here in the past:

1) Unit hangs unexplicably, requiring a battery removal to reset. Sometimes in doing

this it requires a memory reload (Thankfully, I have the programming software.)
2) The repeater offsets get set to random values. Most annoyingly sometimes it
sets the 70cm offset to 4.99, and I haven't figured a way to reset it to 5.0Mhz without
the programming software.
3) The unit cycles on/off when the battery is low, and won't even let you turn it
off.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] High Performance / Low Cost GPS' for sale

From: Marc <va3drv@rac.ca>
Date: Mon, 22 Nov 1999 12:09:00 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51366-1999.11.22-11.25.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings!

  The West Carleton/Lanark Amateur Radio Club is pleased to announce
that it is making a limited number of low cost/high performance GPS' and
GPS antennas for sale to the Amateur Community.

  These are 12 channel gps' that output in NMEA. They are in a SIMM
form factor and run on 3.3 - 5 V. These are intended for OEM
applications but their small size makes them suitable for many
applications.

  The companion antenna (not included, but available separately) runs on
3V - 5V, has a current consumption of 7 ma (typical) @3.0V, 28 dB gain,
and very low noise figure of 0.8 dB.

  These items are available separately or as a set. Quantities are
limited.
Please visit the WCARC web site for info on these products at:

http://www.wcarc.on.ca/products/products.html

To place an order or for further info, please visit the e-commerce web
site at:

http://www.wcarc.on.ca/ecommerce/itmidx1.htm

  The set can be had for CDN $149.95, or approximately US $100.
  The GPS is CDN $84.95.
  The antenna is CDN$ 69.95.

  This is a club project. All funds resulting from this sale are used
toward club projects.

  Thanks and 73!

de Marc Pichette, VA3DRV/VE3APR

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

62. [htaprs] Re: GPS

From: GPersons <railfan@flash.net>
Date: Tue, 23 Nov 1999 07:21:51 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-51544-1999.11.23-07.36.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gday Art,
The GPS unit you refer to works great with the THD7. I have that unit and
love it to death. It interface great with the radios and make for a very
small tracking unit.

73

Gary

KD5DAY

At 05:17 AM 11/19/1999 +1000, you wrote:
>Hello I like to know if the Garmin GPS III plus version works with the
>Kenwood HT   TH-D7 73 all from the Gold-Coast Australia
>
>--
>Name   : Art.van.Esch
>Url   : http://www.winshop.com.au/vk4go
>location   : Surfers-Paradise
>Country   : Australia 4217
>Callsign   : VK4GO
>ICQ   : 139612
>
>
>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] APRS Coverage

From: "Norman I. Huber" <nihuber@ice.net>
Date: Tue, 23 Nov 1999 8:40:30
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51557-1999.11.23-08.54.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In trying to follow my fellow members of Motor Cyclist Radio Club (MARC) as
they traveled from Las Vegas to Illinois and back to California, I have
been confused by the many gaps in coverage. Since WB1CFQ had just gotten
his Garmen and D7A set up and made the cable in the wee hours of the
morning the day he left, we at first thought it was operator error. We
did not think it was sending , but there he was, showing up on my III+
right were we knew he was. He headed down through IL on I-55 and
disappeared from www.aprs.net as he went around Springfield IL. He appeared
again as he went by Amarillo TX and this morning I see him again between
Gallup and Flagstaff.
Presumptions from this short and obviously lacking data study is that his
tracker is working just great. But, the areas where one can actually reach
a digipeater and from that make it to a Igate is less universal. Im
spoiled, I guess, because I live on the lower edge of the Northern Illinois
coverage and most of my travel takes me into the area of better coverage.
So for the question.
Is there any place I could find information as to coverage? I would guess
there are actually two types of coverage Im interested in.
1: Areas where the location would be reasonably sure to get to the
internet.
2: Areas where one would need a APRS/packet station.
This leads to a question about the path setting. If you are driving/riding
on a trip, on a motor cycle or bicycle as I do and do not want to be
stopping all the time to look up call signs of digipeaters but want to get
in, am I right in presuming that RELAY,WIDE,WIDE is the best choice?
I think I am beginning to get a better appreciation of the many messages on
the SIG about consistency and standards.
I also see that we would need a digipeater in a good location to use APRS
to provide position information for support of something like the charity
motorcycle and bicycle runs that MARC supports so well. If we wanted to use
such a system, it would be good to get the bugs out before we commit so we
do not leave a sour taste with the participants.
Just a thought along that line, It sounds like a good subject for a
symposium at Dayton possibly with the Bicycle Mobile Hams of America (BMHA)
which also supports large, wide ranging events.
Thanks for any information in advance.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] Re: APRS Coverage

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Tue, 23 Nov 1999 09:15:15 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51561-1999.11.23-09.29.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Norm,

>Presumptions from this short and obviously lacking data study is that his
>tracker is working just great. But, the areas where one can actually reach
>a digipeater and from that make it to a Igate is less universal. I□m
>spoiled, I guess, because I live on the lower edge of the Northern Illinois
>coverage and most of my travel takes me into the area of better coverage.

One of the issues I have found in my travels is that there are WIDE digi's
that do not support RELAY. Some have specific reasons for doing so, but
I have come across this situation from time to time. This is where my
MIC-E comes in handy to change my path from the front panel control in
case it happens. Without the MIC-E, it is a pain to change the path while
driving down the road.

73's,

Tim - N8DEU
Huntsville, Alabama

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] Re: [marc] APRS coverage.

From: Howard Hecht <st_rider@compuserve.com>
Date: Tue, 23 Nov 1999 11:20:01 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51566-1999.11.23-09.44.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Norm and all,

I'd like to chime in to say I'm interested in the information requested
also. Next August, I want to use APRS to track our New England Ride for
Kids on the 45 mile route it takes in western MA. I think this will add
a dimension to the ride which might attract more media attention.

A symposium at Dayton sounds like a good idea, but some discussion on
the APRS lists would hopefully generate quicker information.

73,
Howard

Norm - N9ZKS wrote:

>
> <snip>
> I also see that we would need a digipeater in a good location to use
> APRS to provide position information for support of something like the
> charity motorcycle and bicycle runs that MARC supports so well. If we
> wanted to use such a system, it would be good to get the bugs out
> before we commit so we do not leave a sour taste with the
> participants.
>
> Just a thought along that line, It sounds like a good subject for a
> symposium at Dayton possibly with the Bicycle Mobile Hams of America
> (BMHA) which also supports large, wide ranging events.
> <endsnip>

--
Help eradicate Pediatric Brain Tumors
http://go.to/nerfk
Join our ride 20 Aug 2000

Howard Hecht   WA1LWD
P.O. Box 3483
Milford, CT 06460-0943

Co-Task Force Leader
New England Ride for Kids

Sportbikers do laps.
      Cruisers do boulevards.
            Sport-Tourers do CONTINENTS!

66. [htaprs] Re: APRS Coverage

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Tue, 23 Nov 1999 10:28:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51567-1999.11.23-09.45.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> One of the issues I have found in my travels is that there are WIDE digi's
> that do not support RELAY. Some have specific reasons for doing so, but
> I have come across this situation from time to time. This is where my
> MIC-E comes in handy to change my path from the front panel control in
> case it happens. Without the MIC-E, it is a pain to change the path while
> driving down the road.

Why would they not support relay, unless they are running old tncs and can't
do callsign sub?

When running mobile, one is advised to run relay,wide, and from what I'm
told, if there's no relay, the wide that hears you won't digi you. It's
kinda fatal for mobile coverage.

The whole idea of this is NOT to have special rules in each neighborhood
affecting path usage, so given one setup in a mobile, it will always get out
from anywhere, as long as someone hears it. (getting back IN to the mobile
would be nice too!)

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67. [htaprs] Re: APRS Coverage

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Tue, 23 Nov 1999 10:45:24 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51571-1999.11.23-09.59.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All these messages bring up the point that if you are going to put a wide
area digi on 144.39 it NEEDS to be using advanced networking software.
Anything less is always a kluge.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Dave VanHorn [SMTP:dvanhorn@cedar.net]
> Sent: Tuesday, November 23, 1999 10:29 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: APRS Coverage
>
>
> > One of the issues I have found in my travels is that there are WIDE
> digi's
> > that do not support RELAY. Some have specific reasons for doing so, but
> > I have come across this situation from time to time. This is where my
> > MIC-E comes in handy to change my path from the front panel control in
> > case it happens. Without the MIC-E, it is a pain to change the path
> while
> > driving down the road.
>
>
> Why would they not support relay, unless they are running old tncs and
> can't
> do callsign sub?
>

> When running mobile, one is advised to run relay,wide, and from what I'm
> told, if there's no relay, the wide that hears you won't digi you. It's
> kinda fatal for mobile coverage.
>
> The whole idea of this is NOT to have special rules in each neighborhood
> affecting path usage, so given one setup in a mobile, it will always get
> out
> from anywhere, as long as someone hears it. (getting back IN to the mobile
> would be nice too!)
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Re: APRS Coverage

From: Ralph <rwf@bsrg.org>
Date: Tue, 23 Nov 1999 17:38:54 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51615-1999.11.23-16.55.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

They may be running old TNCs and can't even do Aliases- much less substitution

At 10:28 AM 11/23/1999 -0500, you wrote:

> >
>Why would they not support relay, unless they are running old tncs and can't
>do callsign sub?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] Re: APRS Coverage

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Tue, 23 Nov 1999 17:57:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51616-1999.11.23-17.14.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> They may be running old TNCs and can't even do Aliases- much less
substitution
>

Sounds like upgrade time to me, (or add a PC with that digi software)
When I found out about that, I immediately upgraded mine to a KPC-3 with the
latest rom.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] Re: APRS Coverage

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Tue, 23 Nov 1999 18:16:40 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51618-1999.11.23-17.30.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 11/23/99 10:15 AM, Tim Cunningham (tim_cunningham@mindspring.com)
passed this wisdom:

>Norm,
>
>
>>Presumptions from this short and obviously lacking data study is that his
>>tracker is working just great. But, the areas where one can actually reach
>>a digipeater and from that make it to a Igate is less universal. I□m
>>spoiled, I guess, because I live on the lower edge of the Northern Illinois
>>coverage and most of my travel takes me into the area of better coverage.
>

>
>One of the issues I have found in my travels is that there are WIDE digi's
>that do not support RELAY. Some have specific reasons for doing so, but
>I have come across this situation from time to time. This is where my
>MIC-E comes in handy to change my path from the front panel control in
>case it happens. Without the MIC-E, it is a pain to change the path while
>driving down the road.

 amen ... I ran into that last summer with the digi in Falmouth on Cape
Cod, my week was alsmot over before it dawned on me ... those few times I
did get 'out' (i.e., get digi-ed) was during the rare occasions that I
wasn't an 'hidden transmitter" to the digi way across the bay on the
mainland.

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "ADMINISPHERE - The rarefied organizational layers beginning just
  above the rank and file. Decisions that fall from the adminisphere
  are often profoundly inappropriate or irrelevant to the problems
  they were designed to solve."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] (no subject)

From: kb8uih@bytethis.com
Date: Tue, 23 Nov 1999 19:49:40 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51623-1999.11.23-19.04.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can anyone tell me what the file size of the DOS APRS program is? I
want to know if I download it and any associated files, can I load to a
1.44 floppy(ies) to load to my old laptop that doesn't support
Windows(an old Tandy machine that I want to use for portable APRS). It
runs several DOS based programs(Word Perfect 5.1).

Thanks,

Chris
KB8UIH

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] Unproto help (not directly D7 related)

From: Chris McKendry <n5cwm@yahoo.com>
Date: Tue, 23 Nov 1999 18:53:07 -0800 (PST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51644-1999.11.23-21.07.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am running an APRS digi with a Davis weather
station
co-located, using a KPC3+ TNC and WinAPRS. I have
tried several unproto paths. The other APRS stations
in my area, Houston, TX, do not appear to be digiing
my packets at all. Of course I can hear all their
stations, and when I am home I usually run my WinAPRS
in TCP/IP, and send all the local Houston APRS data
out
via Igate. When I am out of town I try to check the
weather from my Davis station but never see it. The
main problem here is that there is no 24/7 TCP IGATE.
The nearest one is in Dallas. There is a local
houston
station running APRS+SA and I can check via the www to
see if my home station, n5cwm-2, is being heard. It
never is!

 Here are some of the unproto's I have tried:
aprsw via relay,wide,wide
aprsw via wide,wide

aprs via relay,wide,trace
aprs via relay,wide

I've also tried relaying via another digi, ie:
aprs via kb5ldy-2,wide,wide

I know it's working because I use my THD7A and it
displays all my Digi's data, even the weather string.

My APRS station antenna is not on a tower (yet) but
it is on the roof of the house, and I generally run
20 watts, but I have tried 50 watts. I also have a
mobile APRS using a KPC3+ and a Kenwood TMV7. It gets
relayed out via my digi when I am within 20 miles or
so of my home, and when I am 40 miles away in Houston
with my home station on TCP/IP, my truck packets do
make it to the internet (map.aprs.net/n5cwm-14). The
local stations here hear my mobile fine when I am
mobile. The unproto for the mobile is
relay,wide,trace
and that seems to work fine.

Here's the D7 content: I bought a new Kenwood THD7A
last month and I love it! I have used it in different
parts of the country on trips; I am an airline pilot
and bring it with me all the time as well as my GPS,
a Garmin III.

If anyone has any better ideas, or suggestions I'd
love to hear them! (Yeah, the most obvious one is to
get a tower and put up a real antenna...that is in the
works! <g>) I've even tried my Cushcraft 13b2 beam to
no avail.

Chris N5CWM

_____
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

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73. [htaprs] aprs talkback las vegas

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Tue, 23 Nov 1999 21:03:08 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51648-1999.11.23-23.16.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

if you are going to be in Las Vegas this holiday APRs is on 144.39 as you
know and voice talkback for APRs is on 448.625 repeater 114.8 PL

so I digi on my Kenwood thd-7 on 144.39 and listen to talkback on
448.625

also local ham radio info on 146.73 -600 no PL the QST machine

touch-tone 5 for the main menu

info at www.lvrac.org click on qst machine info.

I will be running message text all the holiday so look for that if you are
in Las Vegas Nevada

find me on a map! go to http://map.aprs.net/kd8s-7

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74. [htaprs] Re: (no subject)

From: "James Longley" <jlongley@attcanada.net>
Date: Wed, 24 Nov 1999 08:20:58 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51673-1999.11.24-02.38.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can't remembr the ile sizes but it can be done. I did run it on my old 1400LT Tandy computer. The only problem is map limitation you will only be able to get 6 -12 maps onto the disk. When the map reloads be prepared for a wait, your computer hasn't locked up it could take a minute to load a high detail map.

James (VE7JMS)

kb8uih@bytethis.com wrote on 99-11-23 16:47:

Can anyone tell me what the file size of the DOS APRS program is? I want to know if I download it and any associated files, can I load to a
1.44 floppy(ies) to load to my old laptop that doesn't support Windows(an old Tandy machine that I want to use for portable APRS). It runs several DOS based programs(Word Perfect 5.1).

Thanks,

Chris
KB8UIH

You are currently subscribed to htaprs as: LONGLEY@ATTCANADA.NET To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Regards James

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

75. [htaprs] Winter Wx Warnings

From: "Dale Huguley" <kg5qd@worldnet.att.net>
Date: Sat, 27 Nov 1999 15:53:08 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52068-1999.11.27-10.08.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All-
I am now parsing -and putting on APRServe -messages formatted for the Kenwood HT. These messages are limited to 42 characters per line and are the "headlines" from winter weather messages from the various NWS offices nationwide, and are sent "TO APRS". If the formatted warning area packet is less than 42 characters, it is also sent "TO APRS", else "TO WX" so that it will not show on the HT.

These messages can be delivered to your local vhf network by setting a local I-gate to send messages from the local County Warning Area designator. Most NWS offices are sending these messages to two designators. For example Miami uses both "MFL" and "MIA" - so that an I-gate set with "SVRMIA" and "SVRMFL" would output locally to VHF.

At the moment this is "single transmit" and shut-up - so it will not have much impact on channel congestion.

below is a example of the output
SVRSAC>APRS:NWS-ADVIS:271530z,GENERAL,CA_Z017,CA_Z018,CA_Z019, {QREiA
SVRSAC>APRS:NWS-ADVIS:A DENSE FOG ADVISORY IS IN EFFECT THIS {QREiB
SVRSAC>APRS:NWS-ADVIS:MORNING FOR THE SOUTHERN SACRAMENTO {QREiC
SVRSAC>APRS:NWS-ADVIS:VALLEY {QREiD
SVRAFA>APRS:NWS-WARN :280000z,WINTER_STORM,AK_Z009,AK_Z010, {JRDVA
SVRAFA>APRS:NWS-WARN :WINTER STORM WARNING FOR HIGH WINDS AND {JRDVB
SVRAFA>APRS:NWS-WARN :POSSIBLE BLIZZARD CONDITIONS ON SAINT {JRDVC
SVRAFA>APRS:NWS-WARN :LAWRENCE ISLAND ON SUNDAY {JRDVD

which should become
271530z,GENE
RAL,CA_Z017,
CA_Z018,CA_Z
019, {QREiA
A DENSE FOG
ADVISORY IS
IN EFFECT TH

```
IS {QREiB
MORNING FOR
THE SOUTHERN
 SACRAMENTO
{QREiC
VALLEY {QREi
280000z,WINT
ER_STORM,AK_
Z009,AK_Z010
, {JRDVA
WINTER STORM
 WARNING FOR
 HIGH WINDS
AND {JRDVB
POSSIBLE BLI
ZZARD CONDIT
IONS ON SAIN
T {JRDVC
LAWRENCE ISL
AND ON SUNDA
Y {JRDVD

Rather hard to muddle through - but the information is there and readable-

let me know if this is useful

73 de KG5QD Dale



---
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```

76. [htaprs] Re: [aprsplus] Printing SA maps ??

```
From: RASNM@aol.com
Date: Mon, 29 Nov 1999 10:33:27 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-52322-1999.11.29-09.48.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 11/29/99 8:24:30 AM US Mountain Standard Time,
mheskett@startext.net writes:

<< In "Print Setup", "Properties", set "Graphics" to use "Raster Graphics" and
 set "Fonts" to print "True-Type as Graphics".
  >>

 Thank You Mike, this worked  !!

ron -kd5hty

---
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```

77. [htaprs] callsign abuse

```
From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Tue, 30 Nov 1999 09:57:58 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52420-1999.11.30-03.18.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all

someone is abusing my digi running aprsdigi12 by kd4rdb using a th-d7 with
my own call

as my thd7 is using pe1rdw-7 i like to block all call's pe1rdw - pe1rdw-6
and pe1rdw-8 - pe1rdw-15

does anyone know if this is posible with aprsdigi
i don't want to use other digi software as i need the kiss to tapr
conversion to interface with my aprs server.

73 de Andre PE1RDW
```

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78. [htaprs] APRS/CE (was: Windows CE version)

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Tue, 30 Nov 1999 13:56:30 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52481-1999.11.30-13.10.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRS/CE: Will It Ever Be Released?

Short answer: Yes!

Long answer: I've been working diligently trying to get it
ready-for-prime-time. It was pointed out to me by someone who knows me too
well, that I need to get *something* out there and keep working on refining
it. In other words, don't wait until it's done to release something, or in
the words of Guy Kawasaki, "Don't Worry, Be Crappy!" :-)

IMNSHO, what I have completed is far from "crappy", but needs a few things
added in order to be "useful".

What's there:
- Win/MacAPRS Map Display (color with rotated text labels, icons, et al)
- Map Zoom/Move ("infinite" zoom levels, quick redraw)
- Station Display
- Icons, Icons, Icons! (Full color with overlays)
- Serial TNC (TNC-2) support
- GPS (NMEA) support

What's not there, but will be before a beta sees the light of day:
- Messaging (This is partially completed.)

What needs to be tweaked, but you won't see:
- APRS Protocol Parser (This is mostly completed, but needs some work.)

What does this mean? Well...

I keep underestimating the amount of work and/or calendar time it takes to
get this piece or that piece done, and the amount of time that I have to
work on this varies greatly from week to week. (Yes, I have a life! :-)

So, instead of saying when I'll have a beta completed, I'll just pop up on
the SIG from time to time with a status report. When the beta's ready, you
will be the first to know.

Thanks for your patience and words of encouragement along the way.

73

     -Rob
      KZ5RW

P.S. If anyone wants a screenshot or two, e-mail me and I'll get one in
your hands. Thx.

-----Original Message-----

I am also interested in this. Thanks

David J. Hoffman - KE4FGW

---------- Forwarded message ----------

Can anyone tell me the status of Windows CE version of APRS tracking
software? I have had a Philips Nino for some months and am READY to put
it into my vehicle to use for messaging and mapping other stations ASAP!

Thanks for the info and feel free to email directly to me.

                    Mike "Wally" Wolthuis
                     WallyCom President!
                            KB8ZGL

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December 1999

Original source file: htaprs.9912
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.9912

1. [htaprs] Handspring Visor & PocketAPRS

From: Jacobtennant@aol.com
Date: Wed, 1 Dec 1999 17:33:46 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52759-1999.12.01-16.49.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Looking at getting either a Handspring Visor or Palm IIIe, in about 23 days
and counting...

Was wondering if the serial port situations on the Handspring Visor had been
overcome or is it still a stumbling block as to the implementation of
PocketAPRS connections to TNC/GPS system?

Jacob Tennant,KB8QIR

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2. [htaprs] Re: [aprssig] Re: KPC-3+ Analog

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 1 Dec 1999 18:41:37 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>, htaprs@tapr.org,
aprsnews@tapr.org
Message-ID: <LYR845-52793-1999.12.01-17.57.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 20 Nov 1999, Dave VanHorn wrote about telemetry in the KPC-3+

> So 0 is undefined, 1 is volts, 2 is undef, 3 is temp, and 4 is undef?

No, Five are available, because Kantronics uses 3 internally for other
purposes. Here is a table of the default use of these 5 Analog
telemetry inputs to the various APRS devices:

KPC-3	MIM Mode	Mic-E, Mic-Lite
AN0 Ext access	AD0 User input	AN0 Battery voltage
AN1 Ext access	AD1 User input	AN1 SSID/Switch
AN2 N/C	AD2 User input	AN2 Temperature
AN3 N/C	AD3 User input	AN3 Rate Pot
AN4 real time ck	AD4 User input	CHO (used as Channel Holdoff)
AN5 N/C	AD5 User input	AD4 User Input.

Note: Because of the large number of Mic-E's that use these 5
pins, I went ahead and defaulted the names on the TELEMETRY page to
the labels shown for the Mic-E. But remember, these can be changed
ON-THE-AIR by simply transmitting the correct definition packet.

My recommendation for the KPC-3 is to move AN3 or AN5 to the external pin
assigned to AN0, and then hook up AN0 internally to a 10k/2.4k voltage
divider from the power input pin and hook up AN2 to a thermister as
recommended in my MIC-TEMP.BAS program. Thus you will have Battery
voltage, temperature and TWO more to play with externally using the
existing pins...

de WB4APR, Bob

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3. [htaprs] Kenwood NEW TM-D700A

From: "Fred Halley Jr." <fhalley@ikonuny.com>
Date: Thu, 2 Dec 1999 7:52:59
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-52851-1999.12.02-08.07.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here's some information hot off the presses:

Dear Kenwood Customer:

Expecting it 12/99 or 1/2000, no price yet..

Thank you for your e-mail. The NEW , and Exciting TM-D700A 144/440 MHZ transceivers FEATURES

110-1300 MHZ RX (Cellular + Blocked)
Detached front panel (included separation kit)
Large Amber dot-matrix LCD display
VHF/UHF or VHF/VHF, or UHF/UHF
Built-in 1200/9600 bps TNC
Built-in 9 pin PC connector
Built-in APRS software (features added from the TH-D7A)
Digipeater station capable
Auto Message reply
Audible message receive confirmation (callsign) with optional VS-3
64 character messaging from the new backlit alpha-numeric microphone
Easy to use menu (same as the TH-D7A)
200 memory channels
8 Character alpha-numeric ID
Up to 10 programmable scan banks
Mute function
Visual band scope
DCS w/frequency ID scan (Digital Coded Squelch)
CTCSS encode/decode
DX Packet Cluster Monitoring
VC-H1 operation functions (same as the TH-D7A)
Cross-band repeat and remote control functions
1750 HZ tone-burst
Sky Command operation with the TH-D7A or second TM-D700A (No PG-4R required)
Programming software available via Internet/ requires PG-4S
Plus many more features to numerous to mention.

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4. [htaprs] F7A xmit (near) failure

From: "Neil ke6ncx" <ke6ncx@hotmail.com>
Date: Thu, 02 Dec 1999 07:58:50 PST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52860-1999.12.02-10.13.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone else experienced this?

I had suspected for several weeks that something was wrong. I coud leave home in the car with the D7A beaconing, drive into San Francisco, and return to see only a few packets received at th home station and most if not all of those from when I was geting in our out of the car next to my house!

By closing the TNC and setting the D7A to local repeater pairs I determined that it would not bring up a local 2m repeater using either "A" or "B", but would bring up a more distant 70cm repeater just fine. By comparison, a TH79A would bring up the local repeater (probably not full quieting, but this is a Q&D test) on the fractional-watt "EL" power setting.

TNC open again, I confirmed that from right outside the house the D7A is heard (and packets sucessfully decoded) by the home station.

So apparently it does xmit on 2m just with exceedingly low power. (And yes, that is true regardless of power setting. And interestingly enough, the LCD indicator seems to indicate full power even though it clearly isn't putting out as much as the 79A on EL.)

I have not tried a full reset as I'm thinking this seems more like fried PA semiconductor or something than like firmware dementia, and I'd just as soon not kiss off the memory centents for nothing. Should I be packing the baby up and shipping to Kenwood, or does anybody have other good ideas?

Neil Fullagar, KE6NCX

_____
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5. [htaprs] D7A xmit (near) failure revisited

From: "Neil ke6ncx" <ke6ncx@hotmail.com>
Date: Thu, 02 Dec 1999 08:49:29 PST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52867-1999.12.02-11.03.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Since two people in ten minutes have responded that it's probably the
factory dummy load, which doesn't work on 2m, I guess I should have been
more clear.

I was using an external, roof mounted antenna with the D7A in the car.

I had used the D7A quite happily for about a year, including APRS in the
car, walk-around APRS with the factory dummy load, and 2m repeater and
simplex phone with the dummy load. The current situation (mw xmit on 2m, OK
on 70cm) is an abrupt change.

In fact, in retrospect I can even narrow down when it happened, a few weeks
ago during a 40 mile round-trip into San Francisco. (My home station showed
my track on the way there, and not on the way home...)

Thanks.

Neil KE6NCX

_____
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6. [htaprs] APRS/CE System Requirements

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Thu, 2 Dec 1999 12:32:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52868-1999.12.02-11.46.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Lots of folks have written to me asking if APRS/CE will run on this or that
particular CE machine, so let me spell out the machine requirements. I
should have included this in the first place, but I forgot... oops.

I have been testing this on the following machines:

- HP 320LX (H/PC)
  . CE v2.0
  . 2-bit (4 shades) grayscale (landscape)
- Casio E-11 (P/PC)
  . CE v2.01
  . 4-bit (16 shades) grayscale (portrait)
- HP Jornada 420 (P/PC)
  . CE v2.11
  . 8-bit (256 colors) and 16-bit (64K colors) color (portrait)
- Casio E-100 (P/PC) [My personal favorite, this week.]
  . CE v2.11
  . 16-bit (64K colors) color (portrait)

The icons are readable under 4-shade grayscale (2-bit), and even better
under 16-shade (4-bit). I've limited the icons to the standard 16 system
colors, and they look (IMNSHO) very nice on the color displays.

For grayscale machines, map colors are mapped to the closest shade of gray
available on the box. I haven't seen a case where any lines "disappeared"
because they were the same color as the background, but I learned long ago
to never say never.

I'm waiting for the next release of the AutoPC SDK, which should have
support for MFC. When it arrives, you'll be able to run APRS/CE on your
in-dash unit! (This is something I'm really looking forward to.)

In short, with the exception of the AutoPC, if you have a v2.0 or later CE
machine, you're in business.

More later...

73

     -Rob
      KZ5RW

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7. [htaprs] Re: D7A xmit (near) failure revisited

From: "Richard \"Flip\" Minton" <fminton@midwest.net>
Date: Thu, 2 Dec 1999 17:36:58 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52905-1999.12.02-17.51.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The same thing has happened here with a new unit. It worked
for about 2 or 3 weeks, and on a recent trip this past weekend
the output died. Confirmed with a watt meter. I have no idea why,
the antenna in use was fine.

Flip Minton N9AZZ
fminton@midwest.net

----- Original Message -----
From: Neil ke6ncx <ke6ncx@hotmail.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Thursday, December 02, 1999 10:49 AM
Subject: [htaprs] D7A xmit (near) failure revisited

>
> Since two people in ten minutes have responded that it's probably the
> factory dummy load, which doesn't work on 2m, I guess I should have been
> more clear.
>
> I was using an external, roof mounted antenna with the D7A in the car.
>
> I had used the D7A quite happily for about a year, including APRS in the
> car, walk-around APRS with the factory dummy load, and 2m repeater and
> simplex phone with the dummy load. The current situation (mw xmit on 2m,
OK
> on 70cm) is an abrupt change.
>
> In fact, in retrospect I can even narrow down when it happened, a few
weeks
> ago during a 40 mile round-trip into San Francisco. (My home station
showed
> my track on the way there, and not on the way home...)
>
> Thanks.
>
> Neil KE6NCX
>
> ____
> Get Your Private, Free Email at http://www.hotmail.com
>
> ---
> You are currently subscribed to htaprs as: fminton@midwest.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

8. [htaprs] Re: F7A xmit (near) failure

From: "Larry (Woody) Bateman" <lwoody@micron.net>
Date: Fri, 03 Dec 1999 18:20:33 -0700

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-53056-1999.12.03-19.34.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Neil....I have had the same thing happen with two of my three D7A's. After the return of the first one I was told by the techs at kenwood that D30 was blown. They say that the antenna was the most probable cause. Since the stock antenna was the only antenna used on that radio I would say their antenna is then the cause. The second radio is now at kenwood for repair. I sent the antenna with the radio this time and asked them to check the antenna.

Neil ke6ncx wrote:

> Has anyone else experienced this?
>
> I had suspected for several weeks that something was wrong. I coud leave
> home in the car with the D7A beaconing, drive into San Francisco, and return
> to see only a few packets received at th home station and most if not all of
> those from when I was geting in our out of the car next to my house!
>
> By closing the TNC and setting the D7A to local repeater pairs I determined
> that it would not bring up a local 2m repeater using either "A" or "B", but
> would bring up a more distant 70cm repeater just fine. By comparison, a
> TH79A would bring up the local repeater (probably not full quieting, but
> this is a Q&D test) on the fractional-watt "EL" power setting.
>

==========
Larry (Woody) Bateman
Amatuer callsign: KB7WWP
Web Page: http://netnow.micron.net/~lwoody
Email: lwoody@micron.net

Where am I?
My Home-------http://maps.aprs.net/kb7wwp
My Truck------http://maps.aprs.net/kb7wwp-14
My Hangglider-http://maps.aprs.net/kb7wwp-7

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9. [htaprs] APRS Protocol Spec Final Draft Published!

From: John Ackermann <jra@febo.com>
Date: Sat, 04 Dec 1999 22:23:13 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53281-1999.12.04-21.38.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

==========
APRS PROTOCOL SPECIFICATION
==========

TAPR announces release of the second public draft of
the APRS Protocol Specification.

It's finally here! The APRS Working Group has completed the second public draft of the APRS Protocol Specification.

This document covers the core functionality of APRS Protocol Version 1.0 as it works today. This is the base level specification that all implementations should comply with, and it was unanimously adopted by the Working Group members, who include the authors of APRS-DOS, WinAPRS, MacAPRS, X-APRS, PocketAPRS, APRS+SA, javAPRS, and APRServe, and the developers of the Mic-E and Pic-E products.

The Specification forms the basis for future Working Group projects, including APRS test suites and the APRS Certification Program. The WG also hopes to use this document as the basis for further specifications, including IGate and APRS digipeater operation.

Over the last 8 weeks the specification has grown from 18 pages to 93. It now includes packet format diagrams, the APRS symbol tables, full details of the Mic-E encoded format, the compressed lat/long position format, plus weather report and telemetry formats. Above all, the specification contains many examples of how APRS data is formatted to

make it easier to understand.

The APRS Protocol Specification is now available on the APRS Working
Group web page at: http://www.tapr.org/tapr/html/Faprswg.html.

It is available in PDF format, both zipped and unzipped. The zip file
is
a little under 1.5MB. You can read it with a PDF reader such as Adobe
Acrobat 3 or 4.

This document is still a draft. There will now be a 15-day public
discussion period in which anyone may feed back comments, criticisms
and suggestions for improvement. Full information on how to do this is
contained within the document.

The final cutoff for comment is midnight U.S. Pacific time on Sunday 19
December (i.e. 0800 UTC on Monday 20 December).

After this date the Working Group will consider all the comments, and
will issue the final approved version of the Specification as soon as
possible thereafter.

John Ackermann, N8UR (jra@febo.com)
Administrative Chair
APRS Working Group
4 December 1999

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

10. [htaprs] Yet another D7 control program

From: Jonathan Hanna <pangolin@home.com>
Date: Sun, 05 Dec 1999 13:49:56 -0800 (PST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53449-1999.12.05-16.04.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In attempting to learn TCL and a little about Ham radio, I have
written an expectk script to control the TH-D7. This is a GUI
for the D7 that runs on Unix and possibly any platform with
expectk and a serial port.

At the moment basic radio functions can be used but many things
still need a lot of fleshing out, especially APRS. Not for
the faint of heart, but I am not sure if I will be able to do any
work on it in the near future.

Feedback appreciated.

The "tkd7" script and a screen-shot can be found at:

        http://www.qsl.net/ve7yjh/tkd7/

Jonathan Hanna <pangolin@home.com>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

11. [htaprs] RE: Yet another D7 control program

From: Jonathan Hanna <pangolin@home.com>
Date: Sun, 05 Dec 1999 13:52:51 -0800 (PST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53450-1999.12.05-16.07.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oops, sorry guys, in flailing around with network problems I resent an old message.

Jonathan Hanna <pangolin@home.com>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

12. [htaprs] Re: [aprssig] Re: KPC-3+ Analog

From: "James Longley" <jlongley@attcanada.net>
Date: Sun, 5 Dec 1999 20:29:33 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53513-1999.12.06-01.52.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I agree Bob I was very surprised that for the cost of a resistor Kantronics had not connected the supply voltage of the TNC to the correct Telemetry output. This would be very useful for not only APRS Digi but any remote Digi. The temperature sensor would be a nice addition to probable the most progressive TNC on the market.

James VE7JMS

-----Original Message-----
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>; htaprs@tapr.org <htaprs@tapr.org>; aprsnews@tapr.org <aprsnews@tapr.org>
Date: Wednesday, December 01, 1999 3:40 PM
Subject: [htaprs] Re: [aprssig] Re: KPC-3+ Analog

>On Sat, 20 Nov 1999, Dave VanHorn wrote about telemetry in the KPC-3+
>
>> So 0 is undefined, 1 is volts, 2 is undef, 3 is temp, and 4 is undef?
>
>No, Five are available, because Kantronics uses 3 internally for other
>purposes. Here is a table of the default use of these 5 Analog
>telemetry inputs to the various APRS devices:
>
>KPC-3   MIM Mode   Mic-E, Mic-Lite
>--------------   --------------   -------------------
>AN0 Ext access   AD0 User input   AN0 Battery voltage
>AN1 Ext access   AD1 User input   AN1 SSID/Switch
>AN2 N/C   AD2 User input   AN2 Temperature
>AN3 N/C   AD3 User input   AN3 Rate Pot
>AN4 real time ck AD4 User input   CHO (used as Channel Holdoff)
>AN5 N/C   AD5 User input   AD4 User Input.
>
>Note: Because of the large number of Mic-E's that use these 5
>pins, I went ahead and defaulted the names on the TELEMETRY page to
>the labels shown for the Mic-E. But remember, these can be changed
>ON-THE-AIR by simply transmitting the correct definition packet.
>
>My recommendation for the KPC-3 is to move AN3 or AN5 to the external pin
>assigned to AN0, and then hook up AN0 internally to a 10k/2.4k voltage
>divider from the power input pin and hook up AN2 to a thermister as
>recommended in my MIC-TEMP.BAS program. Thus you will have Battery
>voltage, temperature and TWO more to play with externally using the
>existing pins...
>
>de WB4APR, Bob
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

13. [htaprs] Headerline command

From: Gunnar Unger <gunnar.unger@mailbox.swipnet.se>
Date: Thu, 09 Dec 1999 01:46:54 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53917-1999.12.08-19.02.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I cannot find a command similar to the HEADERLN ON/OFF, which puts a carriage return between the header line and text of monitored packets.Necessary for a proper reception of the unproto beacons from the BBS. Any hints, someone?

Gunnar, SM5AAY

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

14. [htaprs] Re: Headerline command

From: Roger Barker <roger@peaksys.co.uk>
Date: Thu, 9 Dec 1999 08:41:50 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54273-1999.12.09-03.00.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-53917-1999.12.08-19.02.58--roger#peaksys.co.uk@list
s.tapr.org>, Gunnar Unger <gunnar.unger@mailbox.swipnet.se> writes
>I cannot find a command similar to the HEADERLN ON/OFF, which puts a
>carriage return between the header line and text of monitored
>packets.Necessary for a proper reception of the unproto beacons from the BBS.
>Any hints, someone?

There isn't one. I found that when I was testing a TH-D7 with WinPack.

Another problem I found at the same time was that it appears very easy
to overrun the input buffer in the internal TNC. So much so that to use
it with Win95 to upload messages to a mailbox, it was necessary to turn
off the FIFO on the PC COM port.

And then there's the now well known lack of a functional KISS mode...

Hopefully some of these problems, which seem to be more important to
users in EU than in the USA, will be fixed in the rumoured firmware
upgrade.

--
Roger Barker, G4IDE roger@peaksys.co.uk
Boston, UK   http://www.packetradio.org.uk

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

15. [htaprs] thd7a and tripmates

From: "Bill Kearns" <billk@inland.net>
Date: Thu, 9 Dec 1999 05:59:40 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54283-1999.12.09-08.14.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

has anyone coupled the tripmate up with the thd7a?
i cant get mine to work.
i thought the new model enabled use of the tripmate.
what gives?

thnx, bill

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

16. [htaprs] Re: thd7a and tripmates

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Thu, 09 Dec 1999 12:09:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-54328-1999.12.09-12.24.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bill the TH-D7A and TripMate works just fine.. Just make
sure of two things...

1. Connector is wired correctly.

2. Use the correct TNC mode..

73!

Bill Kearns wrote:
>
> has anyone coupled the tripmate up with the thd7a?
> i cant get mine to work.
> i thought the new model enabled use of the tripmate.

> what gives?
>
> thnx, bill
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

17. [htaprs] Re: thd7a and tripmates

From: Robert Winingham <kc5ejk@onramp.net>
Date: Fri, 10 Dec 1999 03:49:00 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54420-1999.12.10-04.03.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Bill the TH-D7A and TripMate works just fine.. Just make
>sure of two things...
>
>1. Connector is wired correctly.

a. power
b. pin 2 jumped to pin 3 for auto start
c. pin high to activate the tripmate
d. ground , xmit and rec lines are correct to Radio

>2. Use the correct TNC mode..
>
 yes

3. Use a tripmate and NOT an earthmate

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

18. [htaprs] Kenwood TM-D700?

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Fri, 10 Dec 1999 16:06:00 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54487-1999.12.10-15.21.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have any more info than the ad I saw in the Winter AES catalog
on this radio. I think I'm excited, but I'd love to hear any secrets or
rumors going around about it.

Dennis, N2LBT

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

19. [htaprs] Re: Kenwood TM-D700?

From: Jon Anhold <jon@snoopy.net>
Date: Fri, 10 Dec 1999 18:06:46 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-54507-1999.12.10-17.21.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There are pictures from DCC at:

http://ohioaprs.net/new_kenwood/

-j

Previously, Dennis Hudson, N2LBT (n2lbt@n2lbt.com) said:
> Does anyone have any more info than the ad I saw in the Winter AES catalog
> on this radio. I think I'm excited, but I'd love to hear any secrets or
> rumors going around about it.
>
> Dennis, N2LBT
>
>
> ---
> You are currently subscribed to htaprs as: jon@snoopy.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

20. [htaprs] trip to laughlin microwave hop

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 11 Dec 1999 05:46:38 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54596-1999.12.11-08.00.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have to go to work on a microwave hop today Saturday, leaving Las Vegas
about 7 30 am.

going to be transmitting my position via APRs, click on the address below to
try to find me it you want.

it will show my actual location on a map. you will need to figure out how
to view the various maps.

should be running around in the mountains in the desert most of the day.

if you are in Las Vegas I am on   448.625 repeater 114.8 PL APRs talkback
voice

Steve Scott

Las Vegas

TV21/33

find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

21. [htaprs] Re: Kenwood TM-D700?

From: "James Longley" <jlongley@attcanada.net>
Date: Sun, 12 Dec 1999 00:41:38 +0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54677-1999.12.11-19.02.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I heard just this morning that its on the cover of CQ VHF Magazine December Issue. I believe its the
last issue of CQ VHF heard they were going to combine both together again.

James (VE7JMS)

Jon Anhold wrote on 99-12-10 15:01:

There are pictures from DCC at:

http://ohioaprs.net/new_kenwood/

-j

Previously, Dennis Hudson, N2LBT (n2lbt@n2lbt.com) said: Does anyone have any more info than the ad I saw in the Winter AES catalog on this radio. I think I'm excited, but I'd love to hear any secrets or rumors going around about it.
>
> Dennis, N2LBT
>

Regards James

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

22. [htaprs] Re: thd7a and tripmates

From: John W Wilson <z004391b@bc.seflin.org>
Date: Sat, 11 Dec 1999 23:01:54 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
        TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-54719-1999.12.11-22.16.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I tried my tripmate with my TH-D7A and it wouldn't work. I thought it had something to do with one of the NMEA strings sent from the GPS that the TH-D7A was not rigged to handle.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Thu, 9 Dec 1999, Robbie Robertson wrote:

> Bill the TH-D7A and TripMate works just fine.. Just make
> sure of two things...
>
> 1. Connector is wired correctly.
>
> 2. Use the correct TNC mode..
>
> 73!
>
> Bill Kearns wrote:
> >
> > has anyone coupled the tripmate up with the thd7a?
> > i cant get mine to work.
> > i thought the new model enabled use of the tripmate.
> > what gives?
> >
> > thnx, bill
> >
> > ---
> > You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
> --
> ----------------------------
>   Are we having fun yet?
>   73 - Robbie - WA9INF
> ******* --... ...-- *******
>
> ---
> You are currently subscribed to htaprs as: kn4hx@amsat.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

23. [htaprs] Re: thd7a and tripmates

From: "Bill Kearns" <billk@inland.net>
Date: Sun, 12 Dec 1999 11:05:21 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

Message-ID: <LYR845-54808-1999.12.12-13.19.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I tried my tripmate with my TH-D7A and it wouldn't work. I thought it
> had something to do with one of the NMEA strings sent from the GPS that
> the TH-D7A was not rigged to handle.
>
> John W. Wilson, KN4HX
> z004391b@bcfreenet.seflin.lib.fl.us
>
>

ok here is the deal.
     after posting on this sig to somehow, somewhat verify that tripmates do
INDEED work with thd7a's
(i think i may possibly have enough responses to verify this, although most
responded not really knowing what i was *really* trying to find out...and
instead suggesting i look at past posts and tripmate mod diagrams etc.)
and i, myself, do have some question about this now, or at least until i
actually SEE it for myself.
 now that i have gone this far, im prepared to go all the way on this and do
what ever it takes, no matter what!

my scenario;

i have a version II thd7a. AND, i have a working tripmate.
no matter what you do they do not work together.
i sent the thd7a back to kenwood.
they say it works fine and sent it back
it still doesnt work with my tripmate no matter what software commands or
wiring schemes i try.
i called kenwood back because i dont believe they actually connected a gps
unit to my thd7a.
i think they think i simply left the internal gps command to off or
something like that. (ie 'pilot error')
and they simply washed their hands of it.

well, after several lengthy phone calls,
me and kenwood agreed, the only way to resolve this, is for me to drive down
to kenwood
and have the tech come out to my pickup and witness it for himself.
so that is what i am going to do this next week if i can.
wish me luck.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

24. [htaprs] ID Caller

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Mon, 13 Dec 1999 05:46:00 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54817-1999.12.12-14.00.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello anyone try out a ID-Caller on the audio output TH-D7 with succes
.. ??

--
Name   : Art.van.Esch
Url   : http://www.winshop.com.au/vk4go
location   : Surfers-Paradise
Country   : Australia 4217
Callsign   : VK4GO
ICQ   : 139612

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

25. [htaprs] Re: thd7a and tripmates

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sun, 12 Dec 1999 14:42:43 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-54823-1999.12.12-14.57.41--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

>well, after several lengthy phone calls,
>me and kenwood agreed, the only way to resolve this, is for me to drive down
>to kenwood
>and have the tech come out to my pickup and witness it for himself.
>so that is what i am going to do this next week if i can.
>wish me luck.

1. tap off the Tripmate xmit line while it is connected to the D7A and feed it and a ground into a PC using a comm program. Collect the text file and let someone else feed that same ASCII data into their D7a.
   (What!, drive when we have the Internet)

2. Collect NMEA data from a different GPS and feed it into your D7a

Because you need to jump pins 2 and 3 and because you can't wire-or
two xmits there should be only TWO wires going to the D7a

Tripmate   D7a
Ground to   ground
xmit   to   rec

the D7a output line is not connected.

Most GPS units don't output true RS-232 voltages (-9 to +9 volts) but use
TTL (0 to 5 volts)

I don't remember what tripmate uses, but you should check.

73

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

26. [htaprs] Re: thd7a and tripmates

From: "Bill Kearns" <billk@inland.net>
Date: Sun, 12 Dec 1999 13:11:04 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54828-1999.12.12-15.25.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> 1. tap off the Tripmate xmit line while it is connected to the D7A and
feed it and a ground into a PC using a comm program. Collect the text file
and let someone else feed that same ASCII data into their D7a.
>   (What!, drive when we have the Internet)
>
interesting, i assume the ascii data file can be collected easy enough by
copy/paste to notepad and saved as a txt file.... how would one introduce it
to the D7A?? i assume a comport connection using the same cable
and simply uploading to it?? as in hyperterm??

> 2. Collect NMEA data from a different GPS and feed it into your D7a

havent done this one yet....
>
> Because you need to jump pins 2 and 3 and because you can't wire-or
> two xmits there should be only TWO wires going to the D7a

yup. only have 2 wires going to the D7A.... and tried reversing them etc. to
no avail...
>
> Tripmate   D7a
> Ground to   ground
> xmit   to   rec

we should be talking in terms of
tip, barrell, and sleeve here...

i have tried introducing data to them all.....

>
> the D7a output line is not connected.
>
>
>
> Most GPS units don't output true RS-232 voltages (-9 to +9 volts) but use
> TTL (0 to 5 volts)
>
> I don't remember what tripmate uses, but you should check.

this is a moot point if there is even ONE tripmate user who has successfully
done the interface....

>
> 73
>
>
> -----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----
>
>
> ---
> You are currently subscribed to htaprs as: BILLK@INLAND.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

27. [htaprs] Crossband Repeat

From: "Ben & Merridy Lindner" <vk5neb@seol.net.au>
Date: Mon, 13 Dec 1999 08:47:56 +1030
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54846-1999.12.12-16.33.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all

Have just purchased a TH-D7E (Australian Version).

What I want to know is can this beast do crossband repeat ?

Have been on this list for some time now and have noticed alot of US owners
seem to have quite a few different problems, hopefully the version I
received does not. One of my mates hear in my home town has not had any
problems with his what so ever.

Any way cheers all and happy aprsing

Ben VK5JFK in Mt Gambier, South Australia
vk5neb@seol.net.au

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

28. [htaprs] Re: Crossband Repeat

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Sun, 12 Dec 1999 16:29:21 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-54849-1999.12.12-16.44.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

IN ONE WORD, NOPE! :-(

73!

Ben & Merridy Lindner wrote:
>
> Hi all
>
> Have just purchased a TH-D7E (Australian Version).
>

> What I want to know is can this beast do crossband repeat ?
>
> Have been on this list for some time now and have noticed alot of US owners
> seem to have quite a few different problems, hopefully the version I
> received does not. One of my mates hear in my home town has not had any
> problems with his what so ever.
>
> Any way cheers all and happy aprsing
>
> Ben VK5JFK in Mt Gambier, South Australia
> vk5neb@seol.net.au
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

29. [htaprs] las vegas aprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 12 Dec 1999 16:43:12 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54877-1999.12.12-18.56.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

heading back to laughlin and the mountains from Las Vegas again Monday.
running thd-7 and the Magellan meridian xl GPS

thats Monday DEC 13 99 departing the TV station about 8 am

I loose the digi at searchlight Nevada, but can hit the phoenix and Vegas
digi from the top of Christmas tree pass (spirit mountain) near laughlin.

was unable to fix the 23 ghz microwave hop Saturday

its windy up in the mountains on tall radio towers!

73

Steve Scott KD8S
find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

30. [htaprs] Re: Crossband Repeat

From: Jon Ogden <jono@enteract.com>
Date: Tue, 14 Dec 1999 22:02:55 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55221-1999.12.14-22.18.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/12/99 4:17 PM, Ben & Merridy Lindner at vk5neb@seol.net.au wrote:

> Have just purchased a TH-D7E (Australian Version).
>
> What I want to know is can this beast do crossband repeat ?

Don't think it does. This is one feature sadly lacking on the TH-D7 series.
The new mobile WILL have crossband repeat capability.

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

31. [htaprs] GPS + PalmOS + pocketAPRS = Visor

From: "Mark Keiser" <mkeiser@chi.navtech.com>
Date: Wed, 15 Dec 1999 09:03:34 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55287-1999.12.15-09.20.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey! The Handspring Visor gets a GPS module! Now all you need is a TH-D7A (and Mike's GREAT(!!) program) to do APRS!

See:
http://www.marcosoft.com/quovadishandy/default.stm

(Now if Visor will only ship me my connector cables so I can see if pocketAPRS really works, instead of just seems to!)

73s de N4OGL
Mark

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

32. [htaprs] las vegas aprs talkback

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 15 Dec 1999 07:23:31 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55291-1999.12.15-09.37.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use 448.625 PL 114.8 in Las Vegas for talkback. my text message in the thd-7 also sends that out.

it works great to be able to digi on 144.39 then if hams are out there tracking or just general APRs talk we all would hope to hang out on the same freq..

the

voice repeater is APRs friendly so I also go mic encode at times.

also in Las Vegas we have the QST machine. it responds to touch-tone only and hams can command up a current list of repeaters and PL, clubs, listen to ham radio programs, find out about swaps, all local ham radio info.

the barker message that runs every 3 minutes ids the machine and tell you what button to push for the main menu. the barker also gives info on APRs talkback and other local APRs info.

start a machine in your area for locals and visitors check out www.lvrac.org   for more info click on QST machine.

if anyone is reading this from the phoenix digi area, let me know where the digi is. I hit it and was getting data from laughlin Nevada on a mountain at 5200 feet amsl. not sure if it was a digi direct, a remote rx. or a band opening.

I live in Las Vegas

73
find me on a map! go to http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

33. [htaprs] Re: GPS + PalmOS + pocketAPRS = Visor

From: Dennis Hudson <dennis@zone5.com>
Date: Wed, 15 Dec 1999 10:29:39 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55292-1999.12.15-09.44.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What are you using for a cable for the visor to do serial? We are going to
buy some more Palms or Visors, and I was thinking of swapping my IIIx out
for a visor if it will talk to my radio or TNC.

Dennis

> From: "Mark Keiser" <mkeiser@chi.navtech.com>
> Reply-To: <mkeiser@chi.navtech.com>
> Date: Wed, 15 Dec 1999 09:03:34 -0600
> To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
> Subject: [htaprs] GPS + PalmOS + pocketAPRS = Visor
>
> Hey! The Handspring Visor gets a GPS module! Now all you need is a TH-D7A
> (and Mike's GREAT(!!) program) to do APRS!
>
> See:
> http://www.marcosoft.com/quovadishandy/default.stm
>
> (Now if Visor will only ship me my connector cables so I can see if pocketAPRS
> really works, instead of just seems to!)
>
> 73s de N4OGL
> Mark
>
> ---
> You are currently subscribed to htaprs as: n2lbt@n2lbt.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

34. [htaprs] Re: GPS + PalmOS + pocketAPRS = Visor

From: "Mark Keiser" <mkeiser@chi.navtech.com>
Date: Wed, 15 Dec 1999 10:00:24 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55299-1999.12.15-10.17.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Right now I am not using any cable to do serial - just lookin at the purty pictures!

Seriously, the Visor came with a cradle and USB plug. I ordered a cradle with a serial connection (hasn't come yet) and
a cable with a connector for the Visor on one end and a serial interface on the other end (hasn't come yet, either). I
also sent an email to the technical support folks asking bout pinouts, but they didn't respond. Using the serial
cradle, I can probably figure out what the pinouts are before I carve up the cable with the Visor connector, and mate it
to the Mouser cable with the stereo right-angle plug for the D7 (after I cut off the USB plug).

I finally got my 8MB Springboard module, and I think I can put all my maps there. The instructions say things in the
module can be accessed, but not edited, so I think that's a good place to store the program and maps, but not the files
that store callsign/data/whatever.

On the whole, though, I am REALLY (!!!!) impressed with the Visor. I just wish there were alternate cable sources for

it. Anyone on the list know?

Mark

> -----Original Message-----
> From: bounce-htaprs-8625@lists.tapr.org
> [mailto:bounce-htaprs-8625@lists.tapr.org]On Behalf Of Dennis Hudson
> Sent: Wednesday, December 15, 1999 9:30 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: GPS + PalmOS + pocketAPRS = Visor
>
>
> What are you using for a cable for the visor to do serial? We are going to
> buy some more Palms or Visors, and I was thinking of swapping my IIIx out
> for a visor if it will talk to my radio or TNC.
>
>
> Dennis
>
> > From: "Mark Keiser" <mkeiser@chi.navtech.com>
> > Reply-To: <mkeiser@chi.navtech.com>
> > Date: Wed, 15 Dec 1999 09:03:34 -0600
> > To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
> > Subject: [htaprs] GPS + PalmOS + pocketAPRS = Visor
> >
> > Hey! The Handspring Visor gets a GPS module! Now all you need is a TH-D7A
> > (and Mike's GREAT(!!) program) to do APRS!
> >
> > See:
> > http://www.marcosoft.com/quovadishandy/default.stm
> >
> > (Now if Visor will only ship me my connector cables so I can see if pocketAPRS
> > really works, instead of just seems to!)
> >
> > 73s de N4OGL
> > Mark
> >
> > ---
> > You are currently subscribed to htaprs as: n2lbt@n2lbt.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> >
>
>
> ---
> You are currently subscribed to htaprs as: mkeiser@chi.navtech.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

35. [htaprs] Re: las vegas aprs talkback

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 15 Dec 1999 12:26:09 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-55314-1999.12.15-11.41.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 15 Dec 1999, STEVE SCOTT LAS VEGAS wrote:

> I use 448.625 PL 114.8 in Las Vegas for talkback. my text message in the
> thd-7 also sends that out.

Good info, but wwe need an approximate LAT/LONG to put it on the map...
Or just tell us about how far and what direction to put it from "las
Vegas"... ALso, an estimate of its PHG would also be valuable input...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

36. [htaprs] aprs mountain man las vegas

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Fri, 17 Dec 1999 06:58:31 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55625-1999.12.17-09.12.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

going to be up in the mountains in southern Nevada again today

running thd-7 and Magellan meridian xl GPS

the roads are so rough and steep and bumpy its all 4 wheel drive and I have
to hold the thd-7 in my hand to absorb the shock of the road.

when I get multipath bounce I get packets back that are my own but since its
multipath its altered and I get some interesting words on my display.

it all starts with instead of   kd8-7 I get something like ad8s-7 or
any combination that is as a result of packet distortion from the
reflection.

I also found hot spots while going up mountains where I can passive
reflector bounce rf out of a canyon to a digi.

I know where the hot spot is with GPS position since most of the mountains
all look the same

73

if you hear me on the phoenix digi let me know, I can hit hear it from the
top of Christmas tree pass near laughlin Nevada

73

Steve Scott
find me on a map!   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

37. [htaprs] Re: aprs mountain man las vegas

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 17 Dec 1999 11:07:10 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-55638-1999.12.17-10.23.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 17 Dec 1999, STEVE SCOTT LAS VEGAS wrote:

> the roads are so rough and steep and bumpy its all 4 wheel drive and I have
> to hold the thd-7 in my hand to absorb the shock of the road.
>
> when I get multipath bounce I get packets back that are my own but since its
> multipath its altered and I get some interesting words on my display.
>
> it all starts with instead of   kd8-7 I get something like ad8s-7 or
> any combination that is as a result of packet distortion from the
> reflection.

This could be a glitch in your radio.

BUT it could also be because, someone somewhere has a DIGI that has
PASSALL ON. This is the "WORST" thing that can happen in APRS. Stop
everything and get your friends in the area to search out and correct this
errant digi.... It is destroying the integrity of your system...

It happens. ANd is very difficult to locate. You must send packets
round-robin digi by digi and back to yourself to find out what digi has
passall ON.. And you must do this with weak signals, since strong signals
will probably be error free, and thus you wont find it...

Good luck. Whether its in your radio or in the network, you will need it,
hi hi...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

38. [htaprs] Re: aprs mountain man las vegas

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Fri, 17 Dec 1999 13:58:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55662-1999.12.17-13.13.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> It happens. ANd is very difficult to locate. You must send packets
> round-robin digi by digi and back to yourself to find out what digi has
> passall ON.. And you must do this with weak signals, since strong signals
> will probably be error free, and thus you wont find it...

A suggestion:

In my area, we have a coordinator, and he has the remote sysop "keys" to my
digi.
Normally I maintain it, but if it ever goes psycho, or I screw something up,
he can get in there and fix it.

With this in place, it's no big deal to query each digi in an area and just
ask who's got passall on.

It might be a good practice to spread.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

39. [htaprs] Re: aprs mountain man las vegas

From: John Sullivan <jbs@quickturn.com>
Date: Fri, 17 Dec 1999 21:09:05 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55710-1999.12.17-23.24.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I captured most of your track on Monday off one of the APRS
servers. The errors are also showing up there. There were at least
three variations on your call. It was shown as kd8s&-1 when you were
in the hills near Laughlin. There was also a single-bit error in your
reported longitude while you were returning to LV. Your position
jumped from 115W to 123W for two consecutive positions, putting you in
the Pacific momentarily.

Your reports today all seem to have the correct call. There was
another single-bit longitude error on your return track. It jumped
from 114_55'W to 115_55'W for one position report.

That house of yours can really move!

John WD6BTP

> From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
> Subject: [htaprs] aprs mountain man las vegas
> Date: Fri, 17 Dec 1999 06:58:31 -0800
>
> going to be up in the mountains in southern Nevada again today
>
> running thd-7 and Magellan meridian xl GPS
>
>
> the roads are so rough and steep and bumpy its all 4 wheel drive and I have
> to hold the thd-7 in my hand to absorb the shock of the road.
>
> when I get multipath bounce I get packets back that are my own but since its
> multipath its altered and I get some interesting words on my display.
>

> it all starts with instead of   kd8-7 I get something like ad8s-7 or
> any combination that is as a result of packet distortion from the
> reflection.
>
>
> I also found hot spots while going up mountains where I can passive
> reflector bounce rf out of a canyon to a digi.
>
> I know where the hot spot is with GPS position since most of the mountains
> all look the same
>
> 73
>
> if you hear me on the phoenix digi let me know, I can hit hear it from the
> top of Christmas tree pass near laughlin Nevada
>
> 73
>
> Steve Scott
> find me on a map+ACE-   go to   http://map.aprs.net/kd8s-7

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

40. [htaprs] Video

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Sun, 19 Dec 1999 17:11:23 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55913-1999.12.19-01.26.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello sorry to ask here it is not a APRS message, but is there anyone
who have some info how to connect a Video CCD camera with RGB output to
a USB port ..

Cheers all from the Gold-Coast running I-Gate to VHF fulltime 145.175MHz

PS: look... http://www.winshop.com.au/vk4go/xmas.htm
--
location   : Surfers-Paradise
Country   : Australia 4217
Callsign   : VK4GO
ICQ   : 139612

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

41. [htaprs] Station waypoints

From: "r bratberg" <rb95403@aol.com>
Date: Sun, 19 Dec 1999 13:45:13
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55945-1999.12.19-14.00.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gentlepeople:

Which Garmin products show received APRS stations as
waypoints on their moving maps while connected to a TH-D7?
   GPS3+ and eMap?
My Garmin GPS 12 doesn't seem to....

Thanks for any help!   73 Bob KE6TIV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

42. [htaprs] Re: Station waypoints

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 19 Dec 1999 15:19:24 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-55948-1999.12.19-14.34.50--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

On Sun, 19 Dec 1999, r bratberg wrote:

> Gentlepeople:
>
> Which Garmin products show received APRS stations as
> waypoints on their moving maps while connected to a TH-D7?
>   GPS3+ and eMap?
> My Garmin GPS 12 doesn't seem to....

This is IMPORTAnt TO KNOW. WIll someone make a list?

The Garmin Street Pilot will not either. Bummer....

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

43. [htaprs] RE: Station Waypoints

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 19 Dec 1999 13:26:17 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55954-1999.12.19-15.41.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Garmin III+ does. Neat feature.

Since you asked the question Bob, I hope you will compile the list and then
post it for everyone to see.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of r bratberg
> Sent: Sunday, December 19, 1999 5:45 AM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Station waypoints
>
>
> Gentlepeople:
>
> Which Garmin products show received APRS stations as
> waypoints on their moving maps while connected to a TH-D7?
>   GPS3+ and eMap?
> My Garmin GPS 12 doesn't seem to....
>
> Thanks for any help!   73 Bob KE6TIV
>
> ---
> You are currently subscribed to htaprs as: gerhardt@hctc.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

44. [htaprs] RE: Station waypoints

From: "Schayk A.H. van" <A.H.Schayk@arcadis.nl>
Date: Mon, 20 Dec 1999 09:29:26 +0100
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "'htaprs@lists.tapr.org'" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56039-1999.12.20-02.46.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: r bratberg [mailto:rb95403@aol.com]
> Sent: Sunday, December 19, 1999 2:45 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Station waypoints
>

>
> Gentlepeople:
>
> Which Garmin products show received APRS stations as
> waypoints on their moving maps while connected to a TH-D7?
>   GPS3+ and eMap?
> My Garmin GPS 12 doesn't seem to....
>
> Thanks for any help!   73 Bob KE6TIV
>
Hi

I don't know why but my gps 12 does take the waypoints and plot them on the
map
The only drawback is that the icons and way it's put on the map is not clear
(icon only, name with icon, comment with icon)

73 de Andre PE1RDW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

45. [htaprs] Re: Station waypoints

From: Carl <carl_mail@dr.com>
Date: Mon, 20 Dec 1999 17:21:18 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-56075-1999.12.20-11.41.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> Which Garmin products show received APRS stations as
> waypoints on their moving maps while connected to a TH-D7?
>   GPS3+ and eMap?
> My Garmin GPS 12 doesn't seem to....
>
> Thanks for any help!   73 Bob KE6TIV
>

Really. Bummers..I was looking forward to that. (Roll on chrisums)

I was told that if you set NMEA/NMEA on the garmin then the THD
will program waypoints (within a certain distance of yourself) so
although there isnt a map- the active local stations will appear
on screen. Objects too?? But the 12 isnt playing ball? :(Thats what i
have. The garmin II does it apparently.

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

46. [htaprs] Re: Station waypoints

From: "Jon Ogden" <jono@enteract.com>
Date: Mon, 20 Dec 1999 11:40:34 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-56076-1999.12.20-11.59.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Carl <carl_mail@dr.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Sent: Monday, December 20, 1999 11:21 AM
Subject: [htaprs] Re: Station waypoints

> I was told that if you set NMEA/NMEA on the garmin then the THD
> will program waypoints (within a certain distance of yourself) so
> although there isnt a map- the active local stations will appear
> on screen. Objects too?? But the 12 isnt playing ball? :(Thats what i
> have. The garmin II does it apparently.

The GPS-12XL will read the waypoints from the THD. And it will store them
(be careful, if you don't have POS limit turned on on the THD, you will fill
up your waypoint list pretty fast!).   But what it won't do is to make them
"move" on the map. Once the GPS-12XL displays its map, all of the waypoints
on that map remain fixed. I think the only way to cause them to change is
to power down the unit and power it back up. On power up, I believe it
reads all the waypoint locations from memory and then puts them on the map
page (if you call it a map page). So while it will actively record your
waypoints, it won't actively display them moving.

73,

Jon
KE9NA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

47. [htaprs] Re: Station waypoints

From: G7GUO@aol.com
Date: Mon, 20 Dec 1999 15:15:28 EST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56083-1999.12.20-14.30.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 19/12/1999 19:46:44 GMT Standard Time, rb95403@aol.com
writes:

<< Which Garmin products show received APRS stations as
 waypoints on their moving maps while connected to a TH-D7?
    GPS3+ and eMap?
 My Garmin GPS 12 doesn't seem to....

 Thanks for any help!   73 Bob KE6TIV >>

The old GPS3 (non+) does it OK.
73, Simon (g7guo)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

48. [htaprs] Re: Station waypoints

From: "chris schwab" <1schwab1@tampabay.rr.com>
Date: Mon, 20 Dec 1999 15:18:14 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56085-1999.12.20-14.37.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My Garmin GPS12 does show it.. Which setting do you have your GPS set to? It
should be set to Nmea/Nmea...

Chris
-----Original Message-----
From: G7GUO@aol.com <G7GUO@aol.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Monday, December 20, 1999 12:16 PM
Subject: [htaprs] Re: Station waypoints

>In a message dated 19/12/1999 19:46:44 GMT Standard Time, rb95403@aol.com
>writes:
>
><< Which Garmin products show received APRS stations as
> waypoints on their moving maps while connected to a TH-D7?
>   GPS3+ and eMap?
> My Garmin GPS 12 doesn't seem to....
>
> Thanks for any help!   73 Bob KE6TIV >>
>
>The old GPS3 (non+) does it OK.
>73, Simon (g7guo)
>
>---
>You are currently subscribed to htaprs as: 1schwab1@tampabay.rr.com

>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

49. [htaprs] Re: Station waypoints

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 20 Dec 1999 16:59:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56089-1999.12.20-16.14.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 12/20/99 12:21 PM, Carl (carl_mail@dr.com) passed this wisdom:

>I was told that if you set NMEA/NMEA on the garmin then the THD
>will program waypoints (within a certain distance of yourself) so
>although there isnt a map- the active local stations will appear
>on screen. Objects too?? But the 12 isnt playing ball? :(Thats what i
>have. The garmin II does it apparently.

 My II+ does it just fine also

Brian B. Riley --> http://members.macconnect.com/~brianbr
 For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

 "Ask a question and you're a fool for three minutes; do not ask a
question
  and you're a fool for the rest of your life." - Chinese proverb

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

50. [htaprs] Re: Station waypoints

From: Rick Edwards <threepalms@earthlink.net>
Date: Mon, 20 Dec 1999 15:47:47 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56096-1999.12.20-18.02.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My Garmin GPS45XL shows station waypoints. Interestingly, SOME station
calls have their prefix truncated (ie. K6TVI-14 will be a waypoint
called 6TVI-14 SOMETIMES). It does not seem to matter whether it's a one
or two character prefix.

BTW, the radio/tnc is a D7.

....<re>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

51. [htaprs] Packet software for the Palm Pilot

From: "John A. Beamer at ATT" <jbeamer@att.net>
Date: Mon, 20 Dec 1999 20:03:06 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56103-1999.12.20-19.18.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello de John,

I have connected my D7 with my Palm Pilot and my Magellon 315 and it works
GREAT!

Is there any Packet software out for the Pilot?

73

John
W4UTA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

52. [htaprs] Re: Station waypoints

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Mon, 20 Dec 1999 20:11:44 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-56105-1999.12.20-19.26.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 20 Dec 1999, Rick Edwards wrote:

> My Garmin GPS45XL shows station waypoints. Interestingly, SOME station
> calls have their prefix truncated (ie. K6TVI-14 will be a waypoint
> called 6TVI-14 SOMETIMES). It does not seem to matter whether it's a one
> or two character prefix.

ALL calls are truncated to the right most 6 chars since Waypoints could
only be 6 chars in most GPS units. They keep the RIGHT half since that is
the only way to distinguish between all the SSID's of a station...

Bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

53. [htaprs] Re: Station waypoints

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 20 Dec 1999 22:01:59 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56118-1999.12.20-21.17.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 12/20/99 6:47 PM, Rick Edwards (threepalms@earthlink.net) passed this
wisdom:

>My Garmin GPS45XL shows station waypoints. Interestingly, SOME station
>calls have their prefix truncated (ie. K6TVI-14 will be a waypoint
>called 6TVI-14 SOMETIMES). It does not seem to matter whether it's a one
>or two character prefix.

 waypoint names are limited it takes the right 6 chars

Brian B. Riley --> http://members.macconnect.com/~brianbr
  For PGP Keys <mailto:brianbr@wulfden.org?subject=Get%20PGP%20Key>

   "If you can't believe what you read in comic books, what can
    you believe?" -- Bullwinkle J. Moose

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

54. [htaprs] Re: Station waypoints

From: "Paul Anderson" <vr2yrc@harts.org.hk>
Date: Tue, 21 Dec 1999 13:09:16 +0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-56136-1999.12.20-23.22.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear Bob,

My Garmin 12 is software version 3.52 and DOES seem to show at least
my home base received APRS station when roving and connected to TH-D7.

Which software version is this guy using ?

Will I lose this ability is I software "upgade" to 3.53 ?

73
Paul / VR2YRC
Hong Kong.

On 19 Dec 99, at 15:19, Bob Bruninga wrote:

> On Sun, 19 Dec 1999, r bratberg wrote:
>
> > Gentlepeople:
> >
> > Which Garmin products show received APRS stations as
> > waypoints on their moving maps while connected to a TH-D7?
> >   GPS3+ and eMap?
> > My Garmin GPS 12 doesn't seem to....
>
> This is IMPORTAnt TO KNOW. WIll someone make a list?
>
> The Garmin Street Pilot will not either. Bummer....
>
>
>
> ---
> You are currently subscribed to htaprs as: vr2yrc@harts.org.hk
> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

55. [htaprs] Re: Station waypoints

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Tue, 21 Dec 1999 11:51:01 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56223-1999.12.21-13.07.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Paul Anderson" <vr2yrc@harts.org.hk> wrote:

>My Garmin 12 is software version 3.52 and DOES seem to show...

Paul has the right idea. Model number is not sufficient information, the
firmware rev is equally important. Garmin and probably the other GPS
mfgrs as well go through a lot of revisions on each model, sometimes with
major changes in functionality.

And yes, NMEA communications in and out are required if the GPS is to
accept a Waypoint Define command from an external device. Set the interface
mode NMEA/NMEA in Garmins.

73,
Tony KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

56. [htaprs] D7 Other symbols

From: "Ciemon G0TRT" <g0trt@amsat.org>
Date: Tue, 21 Dec 1999 20:37:53 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56235-1999.12.21-14.53.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

    Just exploring my D7 a bit during the holidays. Has anyone actually
bought a PG-4W cable? It's incredible that the other symbols can only be
seen in the manual with that cable.

    Has anyone sat down and manually worked out all of the symbols? I'd like

a copy please, so that I don't have to do it myself!

73......Ciemon Dunville G0TRT   email: g0trt@amsat.org
 Loc: 5207.25N 00058.23E   www: www.g0trt.freeserve.co.uk
  Tel: +44 (0)7715 104275   ICQ#: 6263612

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

57. [htaprs] RE: D7 Other symbols

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Tue, 21 Dec 1999 14:56:53 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56240-1999.12.21-15.15.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Download a copy of APRS (DOS). Unzip the file named SYMBOLS.TXT in the README folder. Open SYMBOLS.TXT and you will find a table that is the same as the one in the manual.

Stan, WA1LOU

-----Original Message-----
From: Ciemon G0TRT [mailto:g0trt@amsat.org]
Sent: Tuesday, December 21, 1999 3:38 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] D7 Other symbols

Hi all,

    Just exploring my D7 a bit during the holidays. Has anyone actually bought a PG-4W cable? It's incredible that the other symbols can only be seen in the manual with that cable.

    Has anyone sat down and manually worked out all of the symbols? I'd like a copy please, so that I don't have to do it myself!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

58. [htaprs] Idea for the road?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 21 Dec 1999 23:29:24 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56262-1999.12.21-22.45.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

THD7 users note:

WHile pondering my XMAS trip, I find keeping up with 2m Voice repeaters with the ARRL Repeater guide to be tiresome, especially if I try to keep my STATUS up-to-date with the current frequency I am listening on... MORE often than not, the freq I am listening on as entered in to my STATUS text is always out of date...

SOLUTION Maybe? THis trip I will try entering my status as:

  "What Freq am I in?"

If someone sees me an wants to QSO, then they can send me a message and tell me what frequency is best for where I am. THey will know much better than I can ever guess...

Just a thought...

Bob, WB4APR

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

59. [htaprs] Re: Idea for the road?

From: Carl <carl_mail@dr.com>
Date: Wed, 22 Dec 1999 18:03:13 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-56338-1999.12.22-12.26.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> "What Freq am I in?"
>
> If someone sees me an wants to QSO, then they can send me a message and
> tell me what frequency is best for where I am. THey will know much better
> than I can ever guess...
>
> Just a thought...

Won't they just assume there was too much brandy in the Xmas pud?? :)

When out mobile I have put something like -listening on 433.5 and 70cm FM repeaters - and then scan with su20 as the priority. I've had a couple of calls on the local repeater ... but nobody listens to 433.5 round here :)

Oh and a Merry Xmas Bob. Even though your 'baby' seems to be chewing up all my spare time....
:)

73

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

60. [htaprs] Re: Kenwood TM-D700?

From: Jon Ogden <jono@enteract.com>
Date: Wed, 22 Dec 1999 15:15:52 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56345-1999.12.22-15.30.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/10/99 15:06, Dennis Hudson, N2LBT at n2lbt@n2lbt.com wrote:

> Does anyone have any more info than the ad I saw in the Winter AES catalog
> on this radio. I think I'm excited, but I'd love to hear any secrets or
> rumors going around about it.

The radio is not for sale in the US yet as we are still awaiting FCC approval. This approval is due sometime this month (December) and the radios are due to hit store shelves in January. I was at AES a couple weeks ago and they had no more information than that. They had no pricing info either.

Apparently, the TMD-700E is available in Europe now. A chap on the AMSAT-BB reflector mentions he has seen them advertised for 469 UK Pounds. At a conversion rate of 1.61 dollars per pound, that comes out to $755. I don't know if prices are normally higher in the UK, but that sounds a little steep.

I am chomping at the bit for this radio myself! Can't wait to get my grubby little hands on it.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

61. [htaprs] Re: Idea for the road?

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Wed, 22 Dec 1999 09:56:03 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56350-1999.12.22-16.55.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The esteemed Bob Bruninga <bruninga@nadn.navy.mil> wrote:

>SOLUTION Maybe? THis trip I will try entering my status as:
>"What Freq am I in?"

I'll bet you dollars to doughnuts that the most common response could be:
"144.390 apparently"
as in, not understanding the question. How about something like:
        "Voice QSOs: suggest a Freq"
>If someone sees me an wants to QSO, then they can send me a message and
tell >me what frequency is best for where I am. THey will know much better
than I can >ever guess...

Undoubtedly true. Good concept.

Maybe the next integrated transceiver/TNC product that comes from anybody
could store Lat and Lon as part of the frequency memories, and the voice
channel would automatically be selected as you travel (your choice of
"nearest"
or "when I get within a specified radius"). Kenwood could probably
introduce this
in a firmware rev for the D7 and D700. You heard it here first! :-)

73,
Tony Arnerich KD7CEJ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

62. [htaprs] Re: Kenwood TM-D700?

From: Ron Reeves <n7qxo@juno.com>
Date: Wed, 22 Dec 1999 15:32:56 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56353-1999.12.22-17.56.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI,
Yesterday at HRO in Portland they told me that these radios will be
released in January and their price is $699.00
I called another vendor and was told they are released and they expect
their first shipment before the end of the year. Their price will be
$659.00.

Ron
N7QXO

> The radio is not for sale in the US yet as we are still awaiting FCC
> approval. This approval is due sometime this month (December) and
> the
> radios are due to hit store shelves in January. I was at AES a
> couple weeks
> ago and they had no more information than that. They had no pricing
> info
> either.
>
> Apparently, the TMD-700E is available in Europe now. A chap on the
> AMSAT-BB
> reflector mentions he has seen them advertised for 469 UK Pounds.
> At a
> conversion rate of 1.61 dollars per pound, that comes out to $755.
> I don't
> know if prices are normally higher in the UK, but that sounds a

> little
> steep.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

63. [htaprs] Re: Kenwood TM-D700?

From: "Steven J Adams" <adamss@datasys.net>
Date: Wed, 22 Dec 1999 18:46:52
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56372-1999.12.22-19.02.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you go to Rt Systems web page, http://www.rtsars.com/ they are
advertising the unit for $669.00 and saying they are taking orders.

KF4NAT
Steve Adams
Valdosta GA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

64. [htaprs] CD-10

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Thu, 23 Dec 1999 10:49:17 +1000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: APRS Mail list <ozaprs@marconi.mpce.mq.edu.au>
Message-ID: <LYR845-56375-1999.12.22-19.04.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all I have a old Kenwood CD-10 Callsign Display Unit, and like to
use it,
is anyone who have this unit also ??
Plaese let me know surf@winshop.com.au
Cheers de Art
--
Name   : Art.van.Esch
Url   : http://www.winshop.com.au/vk4go
location   : Surfers-Paradise
Country   : Australia 4217
Callsign   : VK4GO
ICQ   : 139612

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

65. [htaprs] Re: Kenwood TM-D700?

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Wed, 22 Dec 1999 20:10:30 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56380-1999.12.22-19.26.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

RT Systems has them for $669 now.   www.rtsars.com

Paul E. Knupke, Jr.   pk@ij.net
Largo, FL   ICQ#605259
Amateur Radio: KR4YL

KR4YL/R 442.150+ 103.5 CTCSS Clearwater, FL
FCG does W1AW/4 IARU - July 2000
ASM WCF Section

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

66. [htaprs] Re: Kenwood TM-D700?

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Thu, 23 Dec 1999 03:07:19 -0600

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56427-1999.12.23-03.22.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:15 PM 12/22/99 -0600, Jon Ogden wrote:

>Apparently, the TMD-700E is available in Europe now. A chap on the AMSAT-BB
>reflector mentions he has seen them advertised for 469 UK Pounds. At a
>conversion rate of 1.61 dollars per pound, that comes out to $755. I don't
>know if prices are normally higher in the UK, but that sounds a little
>steep.

Lessee... When I bought my FT-8500 (when they were new) I think I was in
for about $640 by the time I added the remote mount kit and the
CTCSS-decode module. For $115 more you get a radio with a built-in
1200/9600 BPS TNC. When was the last time you got a NEW 1200/9600 BPS TNC
for $115? Not to mention the TM-D700A has the advantage of DCS,a bigger
display, remote control via DTMF, and a broader receive coverage.

BTW, and then I had to shell out another $40 for the ADMS software and
interface...hopefully Kenwood will make this radio's software available
like the TH-D7A. Of course, at the time I bought my FT-8500 it was the
ONLY radio that met my purchase criteria...1200/9600 BPS packet and an
alphaumeric remote-able display.

Not to mention the TM-D700A has the advantage of DCS,a bigger display,
remote control via DTMF, and a broader receive coverage.

Two years ago I had all but counted Kenwood out of the Amateur Radio field.
 Now all that ICOM and Yaesu can do is eat Kenwood's dust, especially when
it comes to VHF/UHF radios. I was saving my pennies for an FT-847 or an
FT-100, but with the lukewarm reviews I've read of both, I think I'd get
more enjoyment out of a TM-D700.

My other beef with Yeasu, ICOM, and others, is the total lack of
downloadable manuals from websites. I think the greatest service Kenwood
has provided is QUALITY .pdf copies of their manuals available to anyone
with an internet connection. I have a copy of the TH-D7A's manual on my
laptop (which travels with me) and on my computer at work. I can't tell
you how useful that is and what a great selling point an available manual
is for those of us who don't have an amateur radio store in their
neighborhood (anymore).

I hope the people at ICOM, Yaesu, Alinco, et al take a hint from Kenwood
and wake up.

Mark

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

67. [htaprs] Re: Kenwood TM-D700?

From: Karl Salisbury <cruz@magicnet.net>
Date: Thu, 23 Dec 1999 06:57:32 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-56429-1999.12.23-06.12.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have seen the TM-D700A advertised at AES and RT Systems for 679.99USD
669.99USD respectively. The type acceptance by the FCC has reportedly
been approved. The availability is said to be somewhere between the end
of December 1999 and Spring 2000.

The price is somewhat higher than I expected, but as Mark said it is still
a great deal.

Karl
KG4BNA

On Thu, 23 Dec 1999, Mark Fellhauer wrote:

> Date: Thu, 23 Dec 1999 03:07:19 -0600
> From: Mark Fellhauer <sparkfel@primenet.com>
> To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
> Subject: [htaprs] Re: Kenwood TM-D700?
>

> At 03:15 PM 12/22/99 -0600, Jon Ogden wrote:
>
> >Apparently, the TMD-700E is available in Europe now. A chap on the AMSAT-BB
> >reflector mentions he has seen them advertised for 469 UK Pounds. At a
> >conversion rate of 1.61 dollars per pound, that comes out to $755. I don't
> >know if prices are normally higher in the UK, but that sounds a little
> >steep.
>
> Lessee... When I bought my FT-8500 (when they were new) I think I was in
> for about $640 by the time I added the remote mount kit and the
> CTCSS-decode module. For $115 more you get a radio with a built-in
> 1200/9600 BPS TNC. When was the last time you got a NEW 1200/9600 BPS TNC
> for $115? Not to mention the TM-D700A has the advantage of DCS,a bigger
> display, remote control via DTMF, and a broader receive coverage.
>
>
> BTW, and then I had to shell out another $40 for the ADMS software and
> interface...hopefully Kenwood will make this radio's software available
> like the TH-D7A. Of course, at the time I bought my FT-8500 it was the
> ONLY radio that met my purchase criteria...1200/9600 BPS packet and an
> alphaumeric remote-able display.
>
<SNIP>
> Mark
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

68. [htaprs] Re: Kenwood TM-D700?

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Thu, 23 Dec 1999 09:04:41 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56435-1999.12.23-08.20.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> I hope the people at ICOM, Yaesu, Alinco, et al take a hint from Kenwood
> and wake up.

Kenwood certainly has been inovative with the D7 and now D700. Maybe we'll
see a HF rig with a multimode controller built in?

As to price, $669 can strike us as high but considering what it is, and its
new -- I guess one can't complain too loudly.

It'll come down. The D7 is down $40-50 since its introduction so the D700
will drop too I am sure with time.

73
Paul
KR4YL

Paul E. Knupke, Jr.   pk@ij.net
Largo, FL   ICQ#605259
Amateur Radio: KR4YL

KR4YL/R 442.150+ 103.5 CTCSS Clearwater, FL
FCG does W1AW/4 IARU - July 2000
ASM WCF Section

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

69. [htaprs] Re: Kenwood TM-D700?

From: Jim Baremore <k5qq@juno.com>
Date: Thu, 23 Dec 1999 09:02:47 MST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-56446-1999.12.23-10.19.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 23 Dec 1999 03:07:19 -0600 Mark Fellhauer <sparkfel@primenet.com>
writes:

> and then I had to shell out another $40 for the ADMS software
> and interface...hopefully Kenwood will make this radio's software
> available like the TH-D7A.

I was just looking at my newest QST and the D700A ad on the back cover.
It says "Memory Control program available via Internet access" so it
appears it will be. I have not actually checked the site to see if it is
there yet or not.

Jim Baremore K5QQ

_____
Why pay more to get Web access?
Try Juno for FREE -- then it's just $9.95/month if you act NOW!
Get your free software today: http://dl.www.juno.com/dynoget/tagj.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

70. [htaprs] TM-D700A On order!

From: Jon Ogden <jono@enteract.com>
Date: Thu, 23 Dec 1999 10:55:46 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56456-1999.12.23-11.10.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Howdy all!

Well, I just placed my order for the TM-D700A with AES. Glad to see it's
finally available! Now it's just the waiting game for it to come in! Oh
well......

73 es Happy Holidays,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

71. [htaprs] TM-D700A Price, maybe

From: bobj <bobj@mediaone.net>
Date: Thu, 23 Dec 1999 12:23:40 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56461-1999.12.23-11.38.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

F.Y.I.

Burghardt Amature center shows a price for the d700A:

 "Kenwood   TM-D700A   2M/70CM DB MOBILE, WITH TNC,
9   659.95"

http://www.burghardt-amateur.com/Burghardt/HTML%20%3C--%20upload%20here/New.txt.html

  PS... love my THD7!

DE K1KAS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

72. [htaprs] Re: TM-D700A Price, maybe

From: Jon Ogden <jono@enteract.com>
Date: Thu, 23 Dec 1999 11:35:20 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56463-1999.12.23-11.49.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/23/99 11:23, bobj at bobj@mediaone.net wrote:

> Burghardt Amature center shows a price for the d700A:
>
> "Kenwood   TM-D700A   2M/70CM DB MOBILE, WITH TNC,
> 9   659.95"

That's the best price I've seen yet. AES is at 679, HRO at $699, RT Systems
at $669, so $659 is great!

Oh well....placed mine with AES. Like to support the "local" guys.

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

73. [htaprs] Tripmate

From: "Fred Halley Jr." <fhalley@ikonuny.com>
Date: Thu, 23 Dec 1999 12:29:17
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56464-1999.12.23-12.44.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just finished testing my TH-D7A with my Tripmate which I modified and it
works great. Because I do use my Tripmate for both APRS and with Street
Atlas 6.0 on my laptop I modified the modification by installing a small
SPDT switch in the base of the Tripmate to allow me to switch between the
two modes. With the switch in the MAP position it stops the draw on the
batteries and only draws power if the laptop gives the power up command.
When I'm ready to do some APRS I just move the switch to the HAM position
and install the home made DB9 to TH-D7A GPS port and away I go. The only
draw back to the entire project was the wire that comes with the TH-D7A is
nearly impossible to solder to. The fine wire in the cable seems to have
some kind of a coating on it that is a real pain in the %$#@& to work
with.

73s

KC2CQL

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74. [htaprs] Re: TM-D700A Price, maybe

From: Erich Berman <erichberman@yahoo.com>
Date: Thu, 23 Dec 1999 10:57:38 -0800 (PST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56466-1999.12.23-13.12.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Why do you want to "support the local guys"? Being
local to AES, too, I've found them not to be very
supportive of me. I shop elsewhere.

--- Jon Ogden <jono@enteract.com> wrote:
> on 12/23/99 11:23, bobj at bobj@mediaone.net wrote:
>
> > Burghardt Amature center shows a price for the
> d700A:
> >
> > "Kenwood   TM-D700A   2M/70CM
> DB MOBILE, WITH TNC,
> > 9   659.95"
>
> That's the best price I've seen yet. AES is at 679,
> HRO at $699, RT Systems
> at $669, so $659 is great!
>
> Oh well....placed mine with AES. Like to support
> the "local" guys.
>
> 73,
>
> Jon
> KE9NA
>
>

> The Second Amendment is NOT about duck hunting!
>
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as:
> ERICH@BERMAN.ORG
> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
>
>
>

_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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75. [htaprs] Kenwood radios

From: "James Kalkowski" <toast@portone.com>
Date: Thu, 23 Dec 1999 12:59:30
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56467-1999.12.23-13.14.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just called Burghardt myself and "reserved" my new Kenwood TMD700. I was
told that just today they learned that the radios were expected in 12/30 or
so and should go out the first week of January.

On another subject, I have a D7A and have been looking around for a 2.5 mm
stereo jack to make up a second cable to interface it with the GPS I have.
Radio Shack doesn't seem to carry that size jack. Has anyone come across
these jacks or is it something I have to order from Kenwood at some
inflated price?

-73-

Jim
N1GTL

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76. [htaprs] Re: Kenwood radios

From: Robert Winingham <kc5ejk@onramp.net>
Date: Thu, 23 Dec 1999 13:15:05 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-56471-1999.12.23-13.30.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>On another subject, I have a D7A and have been looking around for a 2.5 mm
>stereo jack to make up a second cable to interface it with the GPS I have.
>Radio Shack doesn't seem to carry that size jack. Has anyone come across
>these jacks or is it something I have to order from Kenwood at some
>inflated price?
>
>-73-
>
>Jim
>N1GTL
>
>---
>You are currently subscribed to htaprs as: kc5ejk@onramp.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

their coiled extender cable has 2.5MM on each end mail and female
Look in the phone/cell phone area.
or search this list for a part number

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

77. [htaprs] Re: Kenwood radios

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Thu, 23 Dec 1999 13:21:44 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-56472-1999.12.23-13.36.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The RSs around the Northern subs of Chgo have them like two
or so in a blister pack, don't remember the numbers though..

Robert Winingham wrote:
>
> >On another subject, I have a D7A and have been looking around for a 2.5 mm stereo plug.....

>
> their coiled extender cable has 2.5MM on each end mail and female
> Look in the phone/cell phone area.
> or search this list for a part number
>
> -----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

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78. [htaprs] Re: Kenwood radios

From: "Rob Wittner" <rmw@rwa-inc.com>
Date: Thu, 23 Dec 1999 14:50:03 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56480-1999.12.23-14.05.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> their coiled extender cable has 2.5MM on each end mail
> and female Look in the phone/cell phone area.

> or search this list for a part number

'Tis true... I have purchased two of them, and have converted one to hang off the end of my CE box to talk to my D7. I don't know if it was mentioned, but the 2.5mm plug is gold-plated. (The female jack is gold-plated as well, but that's usually the part that gets snipped off first. ;-)

Unfortunately, the wires appear to be two or three strands of single-file copper molecules dipped in red and white plastic. When soldering them, you will be amazed at their robustness and will mentally compare them to other sturdy things such as gum wrappers, single-ply tissue, and those little proprietary dongles that plug into your PCMCIA modem.

:-)

Seriously, tho. If you can manage to get them soldered, (I did, but it took awhile) and provide some reasonable strain relief, you'll be rewarded by a nifty looking coiled cord.

Good luck...

-Rob
KZ5RW

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79. [htaprs] Re: Kenwood radios

From: Eric Horst <erich@cac.washington.edu>
Date: Thu, 23 Dec 1999 12:06:50 -0800 (PST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-56484-1999.12.23-14.22.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> On another subject, I have a D7A and have been looking around for a 2.5 mm
> stereo jack to make up a second cable to interface it with the GPS I have.
> Radio Shack doesn't seem to carry that size jack. Has anyone come across
> these jacks or is it something I have to order from Kenwood at some
> inflated price?
>

Mouser Electronics has them: part number 172-2010, 2.5mm 90 degree angle stereo plug molded onto a 72" shielded black cable. The qty 1 price is $3.96. Or buy 10 like I did and get them for $3.30 ea. Buy a few and make both a long cable for home or car and a short cable for when you carry it on your person.

Here is the catalog page:

http://www.mouser.com/catalog/cat_600/106.pdf

--Eric

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80. [htaprs] Re: TM-D700A Price, maybe

From: Jon Ogden <jono@enteract.com>
Date: Thu, 23 Dec 1999 17:14:47 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56497-1999.12.23-17.30.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/23/99 12:57 PM, Erich Berman at erichberman@yahoo.com wrote:

> Why do you want to "support the local guys"? Being
> local to AES, too, I've found them not to be very
> supportive of me. I shop elsewhere.

I have found AES in Milwaukee to be extremely supportive and a good bunch of guys. Sometimes their prices are a little higher than others but that's

fine for having someplace I can drive to in about 60 to 90 minutes.

Happy Holidays,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

81. [htaprs] ? - Polarity of VX-1 charging unit

From: "Erich Berman" <erich@berman.org>
Date: Thu, 23 Dec 1999 18:43:49 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56509-1999.12.23-18.59.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can anyone tell me the polarity of the charging plug for the Yaesu VX-1
HT?

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

82. [htaprs] Re: Kenwood radios

From: "Charles R. Schultz" <n2pua@cybrtyme.com>
Date: Thu, 23 Dec 1999 19:35:00 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56512-1999.12.23-19.50.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Radio Shack 2.5mm plug/cable part number everybody's been talking
about is 42-2003.

I only know 'cause I haven't chopped mine up yet. ;^)
--

Chuck Schultz/   Mailto:n2pua@cybrtyme.com
           /   Home page: http://www.cybrtyme.com/personal/n2pua
Eastaboga /   (Under construction forever!)
Alabama   /   AIM Screen Name: n2pua   ICQ ID Number: 11654121
36260   /   It's not the thing you fling, but the fling, itself!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

83. [htaprs] Re: Kenwood radios

From: "James Kalkowski" <toast@portone.com>
Date: Thu, 23 Dec 1999 19:49:24
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56514-1999.12.23-20.04.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WOW, thanks to all who replied. That was my first posting and I am just
getting started in APRS. It is good to know the help is out there. I
found the cable at Radio Shack today and it looks like it will work fine.
Although, I wasn't too bright going "non-essential" shopping 36 hours
before Christmas.... traffic was terrible!

Jim N1GTL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

84. [htaprs] Re: TM-D700A Price, maybe

From: "Walter Holmes" <walterh@houston-intranet.com>
Date: Thu, 23 Dec 1999 20:23:42 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56515-1999.12.23-20.39.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone happen to know how long the remote head cable is, that comes with the
new Kenwood TM700A ?

I just ordered mine earlier this evening, but failed to ask that question..

Thanks,
Walter/K5WH

-----Original Message-----
From: bounce-htaprs-7210@lists.tapr.org
[mailto:bounce-htaprs-7210@lists.tapr.org] On Behalf Of Erich Berman
Sent: Thursday, December 23, 1999 12:58 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] Re: TM-D700A Price, maybe

Why do you want to "support the local guys"? Being
local to AES, too, I've found them not to be very
supportive of me. I shop elsewhere.

--- Jon Ogden <jono@enteract.com> wrote:
> on 12/23/99 11:23, bobj at bobj@mediaone.net wrote:
>
> > Burghardt Amature center shows a price for the
> d700A:
> >
> > "Kenwood TM-D700A 2M/70CM
> DB MOBILE, WITH TNC,
> > 9 659.95"
>
> That's the best price I've seen yet. AES is at 679,
> HRO at $699, RT Systems
> at $669, so $659 is great!
>
> Oh well....placed mine with AES. Like to support
> the "local" guys.
>
> 73,
>
> Jon
> KE9NA
>
>

> The Second Amendment is NOT about duck hunting!
>
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."
>
>
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>
>

_____
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Get your free @yahoo.com address at http://mail.yahoo.com

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85. [htaprs] TH-D7A

From: "James Kalkowski" <toast@portone.com>
Date: Thu, 23 Dec 1999 20:27:37
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56516-1999.12.23-20.42.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok, since I had such luck with my first question, I'll fire again. The D7A has 15 preset ICON's for symbols but supports over 200. I understand how to get to the others besides the 15 but I do not know what the 2 ASCII codes will produce short of trying each combination and tx-ing. I have checked Kenwoods site but could not come up with anything there. Does anyone know of a web site or have a list to forward?

Thanks again

Jim
N1GTL

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86. [htaprs] RE: ? - Polarity of VX-1 charging unit

From: "John Rodger" <jcr@magma.ca>
Date: Thu, 23 Dec 1999 23:27:12 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56551-1999.12.23-22.44.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The diagram on the NC-66B charger that came with my VX-1 shows the center pin to be plus (+).

Hope this helps.

John, VE3JR

-----Original Message-----
From: bounce-htaprs-13549@lists.tapr.org
[mailto:bounce-htaprs-13549@lists.tapr.org]On Behalf Of Erich Berman
Sent: Thursday, December 23, 1999 7:44 PM
To: TAPR HT APRS Special Interest Group
Subject: [htaprs] ? - Polarity of VX-1 charging unit

Can anyone tell me the polarity of the charging plug for the Yaesu VX-1 HT?

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---
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87. [htaprs] RE: ? - Polarity of VX-1 charging unit

From: "Erich Berman" <erich@berman.org>
Date: Thu, 23 Dec 1999 22:32:00 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56553-1999.12.23-22.47.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks kindly. That'll do it. Merry Christmas.

From: "John Rodger" <jcr@magma.ca>
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Subject: [htaprs] RE: ? - Polarity of VX-1 charging unit
Date sent: Thu, 23 Dec 1999 23:27:12 -0500

> The diagram on the NC-66B charger that came with my VX-1 shows the center

> pin to be plus (+).
>
> Hope this helps.
>
> John, VE3JR
>
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> From: bounce-htaprs-13549@lists.tapr.org
> [mailto:bounce-htaprs-13549@lists.tapr.org]On Behalf Of Erich Berman
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> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] ? - Polarity of VX-1 charging unit
>
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> HT?
>
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>

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88. [htaprs] Re: TM-D700A Price, maybe

From: Jon Ogden <jono@enteract.com>
Date: Thu, 23 Dec 1999 22:48:22 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56555-1999.12.23-23.03.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/23/99 8:23 PM, Walter Holmes at walterh@houston-intranet.com wrote:

> Anyone happen to know how long the remote head cable is, that comes with the
> new Kenwood TM700A ?
>
> I just ordered mine earlier this evening, but failed to ask that question..

Yes, I when I ordered mine today, the guy at AES said it was just a few
inches. So I ordered the $80 13 foot cable. Then I got talking to a friend
who said that it didn't make sense since the radio head must be remote
mounted. Then I was reading one of the ads for it in my AES winter catalog
where it mentions that the mounting cable was included. So I called
Kenwood.

The cable that comes with the radio is 3 meters long or nearly 10 feet.

So I called AES back and cancelled the 13 foot cable order saving myself
$80!

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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89. [htaprs] Re: Kenwood radios

From: "Edward A. Behl" <ed@eabehl.com>
Date: Fri, 24 Dec 1999 00:46:13 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-56564-1999.12.24-00.01.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just to kind of consolidate info here, the 2.5mm stereo plug and/or cable assy. is available from a couple of sources.

If you're in a hurry, the local Radio Shack has a complete cable assembly with molded plug available in a 6ft coiled cord with male and female gold-plated contacts, part 42-2003 for $5.99US. (courtesy Charles R. Schultz) If you insist on a straight cord with right-angle molded plug, you can get one of their lower-cost telephone headsets and cannibalize it for the cable/plug. Any of the 43-193, 43-1901, 43-1951, or 43-1976 units are $19.99US. I also found a similar headset at Best Buy for $17.95.

If you're willing to be a little more patient, raw plugs and molded cable/plug assemblies are available from Mouser Electronics for $2-3. Here is a list of options (courtesy of N0OTM Joe LaGreek):
172-2204 Black stereo plug, shielded cable $2.97
172-2304 Grey stereo plug, shielded cable $2.97
172-2010 Black stereo 90 deg plug shielded cable $3.96 (over 1000 in stock) Plugs
172-3305 Hi-Rel Black plastic unshielded $2.51
172-3306 Hi-Rel Spring strain relief, shielded $2.80
172-3405 Black Plastic and solder terminal $1.24
172-3406 Shielded handle with spring strain relief and solder terminals $1.79
172-3307 Gold contact with black metal handle, shielded $4.80
Phone 800-346-6873 http://www.mouser.com/catalog/cat_600/106.pdf

Remember by comparison, the Kenwood PG-4W serial cable with molded right-angle plug and DA-9S PC connector, including the CD with enhanced manual and memory programming software are $54.95. If you're not an avid do-it-yourselfer, the Kenwood cable is not such a bad deal. BTW -- Kenwood's PG-4W serial cable is a very hardy assembly -- much more robust than the hair-thin GPS cable that comes with the TH-D7. Also note that although the TH-D7 programming software is available on the Kenwood FTP site, the version there is clearly labeled a "beta" release, and it has no help file. Kenwood has chosen to withhold the full version of the software from the FTP site and make it available only for sale on the CD that comes with the PG-4W. (I hope this doesn't signal a change of heart by Kenwood...)

Also, FYI, a close-equivalent to the Kenwood PG-3S DC power cable with integral regulator/filter is available at Radio Shack as well. It is billed as a replacemetn radar detector cable, part 270-031A, for $6.99US. Note that the Radio Shack cable has no filter or regulator -- it is a fused (3amp) straight metallic connection. However, I use one in my Pontiac without a problem, and they're fine for use off your power supply or battery in the shack. The unit I have actually has room to cram the 1,000uf electrolytic cap, 7812 TO-220 regulator, and 470uf second electrolytic cap arranged in a tee filter inside the cigarette plug housing, but it hasn't been necessary for me. The only drawback is the 3.4/1.3mm plug is a little too long, and it does not have the detent to hold it into the radio as the Kenwood cable does. I have a suspicion one of the DC cords for a Nokia cellular phone has the right plug, including the detent, but I haven't been able to test. These are usually in the $20-30 range though, so you might as well buy the real Kenwood item.

Hope this helps.

73's and happy (and safe) holidays.

Edward A. Behl - KG4ALG

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90. [htaprs] Re: TM-D700A Price, maybe

From: "Edward A. Behl" <ed@eabehl.com>
Date: Fri, 24 Dec 1999 01:58:22 -0500

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-56584-1999.12.24-01.13.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Guys -

On top of that, if I remember right having seen the radio at the Tampa Hamfest in November, the separation cable is a 4-conductor cable with telephone-style modular connectors on each end! If my memory serves me right, what the heck would justify $80 for a telephone extension cord available almost anywhere???

Yeah, maybe it's a more durable cable, or even shielded, but still...

Ed Behl, KG4ALG

Jon Ogden wrote:
>
> on 12/23/99 8:23 PM, Walter Holmes at walterh@houston-intranet.com wrote:
>
> > Anyone happen to know how long the remote head cable is, that comes with the
> > new Kenwood TM700A ?
> >
> > I just ordered mine earlier this evening, but failed to ask that question..
>
> The cable that comes with the radio is 3 meters long or nearly 10 feet.

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91. [htaprs] Old TNC Upgradeable?

From: Paul Jacques <PaulJ@minimed.com>
Date: Fri, 24 Dec 1999 05:11:12 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56592-1999.12.24-07.27.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi ....,
I'm getting back into packet radio and was wondering if my old TNC-2 (1987) is
still useable as is or does it need upgradeing? The EEPROM says "TNC-2 1.1.1". I emailed TAPR but they never responded. I also have a Heath TNC. Is that still useable?

Thanks,
Paul Jacques
(WB6IWT)

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92. [htaprs] Re: TH-D7A

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Fri, 24 Dec 1999 11:33:20 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-56602-1999.12.24-10.47.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Jim,

These tables come from the SYMBOLS.TXT README file of APRS (DOS):

Using the left hand tables, you enter the first two characters in your TH-D7, for example, /! for police.

Using the right hand tables, replace the / for a \, for example, \! for emergency.

Ignore the XYZ columns in both tables.

I hope that helps!

73,

Stan, WA1LOU

/$	XYZ	BASIC SYMBOL TABLE	XYZ	OTHER SYMBOL TABLE (
/!	BB	Police, Sheriff	OB	EMERGENCY (!)
/"	BC	reserved (had been rain)	OC	reserved
/#	BD	DIGI (white center)	OD#	NUMBERED STAR (green)
/$	BE	PHONE	OE	Bank or ATM (green box)
/%	BF	DX CLUSTER	OF	
/&	BG	HF GATEway	OG#	NUMBERED DIAMOND
/'	BH	Small AIRCRAFT (SSID = 7)	OH	Crash site
/(	BI	CLOUDY	OI	CLOUDY
/)	BJ	avail (Mic moved to m)	OJ	
/*	BK	SnowMobile	OK	SNOW
/+	BL	Red Cross	OL	Church
/,	BM	Boy Scouts	OM	Girl Scouts
/-	BN	House QTH (VHF)	- ON	House (HF)
/.	BO	X	OO	Vicinity Ambiguous Plot (NEW)
//	BP	Dot	OP	

/$	XYZ	PRIMARY SYMBOL TABLE	XYZ	ALTERNATE SYMBOL TABLE (
/0	P0	Numeral circle	A0#	NUMBERED CIRCLE
/1	P1	Numeral circle	A1	
/2	P2	Numeral circle	A2	
/3	P3	Numeral circle	A3	
/4	P4	Numeral circle	A4	
/5	P5	Numeral circle	A5	
/6	P6	Numeral circle	A6	
/7	P7	Numeral circle	A7	
/8	P8	Numeral circle	A8	
/9	P9	Numeral circle	A9	Gas Station (blue pump)
/:	MR	FIRE	: NR	Hail
/;	MS	Campground	NS	Park/Picnic area
/<	MT	Motorcycle (SSID = 10)	NT	ADVISORY
/=	MU	RAILROAD ENGINE	NU	
/>	MV	CAR (SSID = 9)	NV#	NUMBERED CAR
/?	MW	SERVER for FIles	NW	INFO Kiosk (Blue box with ?)
/@	MX	HC FUTURE predict (dot)	NX	HURICANE/Trop-Storm
/A	PA	Aid Station	AA#	NUMBERED BOX
/B	PB	BBS	AB	Blowing Snow
/C	PC	Canoe	AC	Coast Guard
/D	PD		AD	Drizzle
/E	PE	EYEBALL (Eye catcher)	AE	Smoke
/F	PF		AF	Freezing rain
/G	PG	Grid Square (6 digit)	AG	Snow Shower
/H	PH	HOTEL (blue bed symbol)	AH	Haze
/I	PI	Tcp-Ip	AI	Rain Shower
/J	PJ		AJ	Lightening
/K	PK	School	AK	Kenwood
/L	PL	avail	AL	Lighthouse
/M	PM	MacAPRS	AM	
/N	PN	NTS Station	AN	Navigation Buoy
/O	PO	BALLOON (SSID = 11)	AO	
/P	PP	Police	AP	Parking
/Q	PQ	TBD	AQ	QUAKE
/R	PR	REC. VEHICLE (SSID = 13)	AR	Restaurant
/S	PS	SHUTTLE	AS	Satellite/Pacsat
/T	PT	SSTV	AT	Thunderstorm
/U	PU	BUS (SSID = 2)	AU	SUNNY
/V	PV	ATV	AV	VORTAC Nav Aid
/W	PW	National WX Service Site	AW	NUMBERED NWS site (NWS options)
/X	PX	HELO (SSID = 6)	AX	Pharmacy Rx
/Y	PY	YACHT (sail) (SSID = 5)	AY	
/Z	PZ	WinAPRS	AZ	
/[	HS	Jogger	DS	Wall Cloud
/ HT	TRIANGLE	(DF)	DT	
/]	HU	PBBS	DU	
/^	HV	LARGE AIRCRAFT	DV#	NUMBERED Aircraft
/_	HW	WEATHER Station (blue)	- DW	NUMBERED WX site (green digi)
/`	HX	Dish Antenna	DX	Rain

/$	XYZ	LOWER CASE SYMBOL TABLE	XYZ	SECONDARY SYMBOL TABLE (
/a	LA	AMBULANCE (SSID = 1)	SA	ARRL ARES etc
/b	LB	BIKE (SSID = 4)	SB	Blowing Dust/Sand
/c	LC	tbd	SC	NUMBERED Civil Defense (RACES)

```
/d  LD  Dual Garage (Fire dept)     SD  DX spot by callsign
/e  LE  HORSE (equestrian)          SE  Sleet
/f  LF  FIRE TRUCK    (SSID = 3)    SF  Funnel Cloud
/g  LG  Glider                      SG  Gale Flags
/h  LH  HOSPITAL                    SH  HAM store
/i  LI  IOTA (islands on the air)   SI  Indoor BOXn digipeater (w overlay)
/j  LJ  JEEP          (SSID-12)     SJ  WorkZone (Steam Shovel)
/k  LK  TRUCK         (SSID = 14)   SK
/l  LL  avail                       SL  Area Locations (box,circles,etc)
/m  LM  Mic-Repeater                SM  Value Signpost (3 digit display)

/n  LN  Node                        SN# NUMBERED TRIANGLE
/o  LO  EOC                         SO  small circle
/p  LP  ROVER (puppy)               SP  Partly Cloudy
/q  LQ  GRID SQ shown above 128 m   SQ
/r  LR  ANTENNA                     SR  Restrooms
/s  LS  SHIP (pwr boat)   SSID-8)   SS# NUMBERED SHIP/boat (top view)
/t  LT  TRUCK STOP                  ST  Tornado
/u  LU  TRUCK (18 wheeler)          SU# NUMBERED TRUCK
/v  LV  VAN           (SSID = 15)  /w  LW  WATER station
SW  Flooding
/x  LX  xAPRS (Unix)                SX
/y  LY  YAGI @ QTH                  SY
/z  LZ                              SZ
/{  J1                             \  Q1  Fog
/|  J2  reserved (Stream Switch)    \  Q2
/}   J3                             \   Q3
/~  J3  reserved (Stream Switch)      Q4
```

James Kalkowski wrote:
>
> Ok, since I had such luck with my first question, I'll fire again. The D7A
> has 15 preset ICON's for symbols but supports over 200. I understand how
> to get to the others besides the 15 but I do not know what the 2 ASCII
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> anyone know of a web site or have a list to forward?

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93. [htaprs] Re: Kenwood radios

From: tyeatman <tyeatman@aei.ca>
Date: Fri, 24 Dec 1999 21:27:01 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-56668-1999.12.25-00.39.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well Ed, that was a great infomative post. Merry Cristmas to all. 73's
VA2TPY

"Edward A. Behl" wrote:

> Just to kind of consolidate info here, the 2.5mm stereo plug and/or
> cable assy. is available from a couple of sources.
>
> If you're in a hurry, the local Radio Shack has a complete cable
> assembly with molded plug available in a 6ft coiled cord with male and
> female gold-plated contacts, part 42-2003 for $5.99US. (courtesy Charles
> R. Schultz) If you insist on a straight cord with right-angle molded
> plug, you can get one of their lower-cost telephone headsets and
> cannibalize it for the cable/plug. Any of the 43-193, 43-1901, 43-1951,
> or 43-1976 units are $19.99US. I also found a similar headset at Best
> Buy for $17.95.
>
> If you're willing to be a little more patient, raw plugs and molded
> cable/plug assemblies are available from Mouser Electronics for $2-3.
> Here is a list of options (courtesy of N0OTM Joe LaGreek):
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> 172-3405 Black Plastic and solder terminal $1.24
> 172-3406 Shielded handle with spring strain relief and solder terminals

> $1.79
> 172-3307 Gold contact with black metal handle, shielded $4.80
> Phone 800-346-6873 http://www.mouser.com/catalog/cat_600/106.pdf
>
> Remember by comparison, the Kenwood PG-4W serial cable with molded
> right-angle plug and DA-9S PC connector, including the CD with enhanced
> manual and memory programming software are $54.95. If you're not an avid
> do-it-yourselfer, the Kenwood cable is not such a bad deal. BTW --
> Kenwood's PG-4W serial cable is a very hardy assembly -- much more
> robust than the hair-thin GPS cable that comes with the TH-D7. Also note
> that although the TH-D7 programming software is available on the Kenwood
> FTP site, the version there is clearly labeled a "beta" release, and it
> has no help file. Kenwood has chosen to withhold the full version of the
> software from the FTP site and make it available only for sale on the CD
> that comes with the PG-4W. (I hope this doesn't signal a change of heart
> by Kenwood...)
>
> Also, FYI, a close-equivalent to the Kenwood PG-3S DC power cable with
> integral regulator/filter is available at Radio Shack as well. It is
> billed as a replacemetn radar detector cable, part 270-031A, for
> $6.99US. Note that the Radio Shack cable has no filter or regulator --
> it is a fused (3amp) straight metallic connection. However, I use one in
> my Pontiac without a problem, and they're fine for use off your power
> supply or battery in the shack. The unit I have actually has room to
> cram the 1,000uf electrolytic cap, 7812 TO-220 regulator, and 470uf
> second electrolytic cap arranged in a tee filter inside the cigarette
> plug housing, but it hasn't been necessary for me. The only drawback is
> the 3.4/1.3mm plug is a little too long, and it does not have the detent
> to hold it into the radio as the Kenwood cable does. I have a suspicion
> one of the DC cords for a Nokia cellular phone has the right plug,
> including the detent, but I haven't been able to test. These are usually
> in the $20-30 range though, so you might as well buy the real Kenwood
> item.
>
> Hope this helps.
>
> 73's and happy (and safe) holidays.
>
> Edward A. Behl - KG4ALG
>
> ---
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> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

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94. [htaprs] Re: Old TNC Upgradeable?

From: Carl <carl_mail@dr.com>
Date: Sat, 25 Dec 1999 19:55:30 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-56695-1999.12.25-14.20.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I'm getting back into packet radio and was wondering if my old
> TNC-2 (1987) is
> still useable as is or does it need upgradeing? The EEPROM says "TNC-2
> 1.1.1". I emailed TAPR but they never responded. I also have a Heath TNC. Is
> that still useable?

I don't know is the simple answer - but basic functions such as DIGI and
BEACON are all you need to use it with APRS - so my guess is it would be
fine.

I have two TINY2 TNCs and have just upgraded their firmware from 1 to 5! Quite
a few new commands, better GPS support and more intelligent DIGIpeating.

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

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95. [htaprs] Re: Idea for the road?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 25 Dec 1999 17:03:27 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-56699-1999.12.25-16.19.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 22 Dec 1999, Tony Arnerich wrote:

> >SOLUTION Maybe? THis trip I will try entering my status as:
> >"What Freq am I in?"
>
> I'll bet you dollars to doughnuts that the most common response could be:
> "144.390 apparently" as in, not understanding the question..

Yep, problem is it must be 20 chars or less. Oh well. I agree. Probably
a dumb idea. Never got a nibble in 800 miles.. Also, though, was out of
APRS range through all of southern VA or about half the trip...
Lots of holes along I95 and I85.

Bob

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96. [htaprs] politically correct good tidings

From: "Bill Kearns" <billk@inland.net>
Date: Sat, 25 Dec 1999 15:00:50 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56704-1999.12.25-17.15.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear Friends -

Please accept with no obligation implied or implicit my best
wishes for an environmentally conscious, socially responsible, low
stress, non-addictive, gender neutral, celebration of the winter
solstice holiday, practiced within the most enjoyable traditions of
the religious persuasion of your choice, or secular practices of
your choice, and pursuant to those religious/secular persuasions
and/or traditions of the lack thereof.

The aforementioned best wishes also include a fiscally successful,
personally fulfilling, and medically uncomplicated recognition
of the onset of the generally accepted calendar year 2000, but not
without due respect for the calendars of choice of other cultures
whose contributions to society have helped make America great,
(not to imply that America is necessarily greater than any other
country or is the only "AMERICA" in the western hemisphere), and
without regard to the race, creed, color, age, physical ability,
religious faith, choice of computer platform, or sexual preference
of the wishes.

By accepting this greeting, you are accepting these terms. This
greeting is subject to clarification or withdrawal. It is freely
transferable with no alteration to the original greeting. It implies
no promise by the wisher to actually implement any of the wishes for
her/himself or others, is void where prohibited by law, and is
revocable at the sole discretion of the wisher. This wish is
warranted to perform as expected within the usual application of
good tidings for a period of one year, or until the issuance of a
subsequent holiday greeting, whichever comes first. Warranty is
limited to replacement of this wish or issuance of a new wish of
equal or greater value at the sole discretion of the wisher.

Carefully Yours,

Bill Kearns WB6JAR

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97. [htaprs] Compatibility Question

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Sun, 26 Dec 1999 05:07:40 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56750-1999.12.26-06.24.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I received for the Christmas season a Garmin GPS 12, and a 3Com Palm IIIe. Will these be compatible to work with the D7A? And if there is anyone who has information for me You can post it to the net or to me directly. I am also setting up the rig in a chest pack from Motorola but I need to have the plugs at a 90 degree angle to avoid tearing them out of the radio as to have the radio face forward puts the plugs on the side facing the pocket on the right. Does anyone know of a manufacturer that makes the right angle plugs? I also have received the VC-H1 as well and was wondering if there was a problem running all at once as far as RFI or the like. Any specific programs that run better than others would be welcome as well as I am new to this and want all the input I can find from others who have had both good and bad experiences. Send me all the information you think nessacery for me to get the rig up and running.

I thank you for the info in advance

Peter Anderson
Communications Consultants Specialists
N0WRE

98. [htaprs] APRS

From: Dan Marx <danemarx@worldnet.att.net>
Date: Sun, 26 Dec 1999 09:29:02 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56756-1999.12.26-09.44.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Morning,

I am in need of some guidance and advice if you have the time. I have technology overload as I call it. Wednesday I received a new notebook computer and also a Kenwood TH-D7a. I would love to get set up with APRS and do not own a GPS. I have been reading everything possible on the internet but still have many questions.

I am a private pilot and several friends have the Garmin GPS-195 moving map and would consider using that unit if it interfaces well with the TH-D7a but can actually use any GPS that is user friendly. I called Garmin and they do not sell the 6 pin plug for the 195 and their computer data cable is $30.

I do not have any cables or plugs now for the TH-D7a and the ham I bought it from is looking for the cable that comes with the radio. I was told the radio has been modified for out of band transmit and also has been upgraded by Kenwood. Is there anyway to check to verify the upgrade was done by Kenwood? What cables do you recommend to connect the radio to a GPS and also connect to my new notebook. Also what software should I get (using windows 98 on a Pentium III)?

Your help is appreciated.

73,

Dan

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99. [htaprs] Re: APRS

From: "James Kalkowski" <toast@portone.com>
Date: Sun, 26 Dec 1999 16:18:14
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56785-1999.12.26-16.33.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dan: I am a bit new to APRS myself however I can give you a small bit of advice on a GPS. I too was looking for a GPS to use with my TH-D7A. I have a Garmin GPSIII but it is mounted in my van and I also think it is too nice a unit to risk damaging it by tossing it in and out of brief cases like I would be doing. I was going to buy a Garmin 12 but after researching it, I found it requires 8 volts, not 12 volts like most of the

other Garmins. You can buy Garmins cigarette adapter for the Garmin 12 for about $30 and then you must use that. Figuring it would be easier to use a 12 volt unit, I found a Garmin 45XL in my local paper for $100 and bought that. All you really need is a unit that will output NMEA data, and although the 45XL is technically a "marine gps", it works fine for what I need. The best part is the cables I have already made up for the GPSIII will all work with the 45XL but they would not have worked with the Garmin 12. You can buy the end connectors for the Garmins for $5 each here in the internet and just pop a few together.

Also, look back several postings to answer your question about the data cable and where to get one.

-73-

Jim
N1GTL

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100. [htaprs] (High Priority) Software info needed

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Mon, 27 Dec 1999 04:37:11 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56835-1999.12.27-04.37.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a Palm IIIe and was wanting to know if there is a program that runs better than others and is fairly simple to use as well as o am new to the htaprs format. If you have any suggestions please give me a shout either to the list or to me personally. If there is any information that you would like to send me I would appreciate it.
Thanks

Peter Anderson
Communications Consultants Specialists
Phone: (970) 392-9153
Mobile:(970) 391-1330
Pager:(970) 350-3434
_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
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101. [htaprs] Re: Kenwood radios

From: Ralph <rwf@bsrg.org>
Date: Sun, 26 Dec 1999 18:43:41 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56849-1999.12.27-10.02.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Be ready to be WAY overcharged for shipping. My shipping was about 3 times the price of the cable (which could have been put in an envelope and mailed for .50)

Eric Horst wrote:

>Mouser Electronics has them: part number 172-2010, 2.5mm 90 degree angle
>stereo plug molded onto a 72" shielded black cable. The qty 1 price is
>$3.96. Or buy 10 like I did and get them for $3.30 ea. Buy a few and
>make both a long cable for home or car and a short cable for when you
>carry it on your person.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

102. [htaprs] What's up with aprs.net?

From: "Steve Sande" <kc0ezh@arrl.net>
Date: Mon, 27 Dec 1999 13:47:1

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56899-1999.12.27-14.02.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I haven't been able to get onto www.aprs.net the last couple of days to
look at the javAPRS maps. Anyone know if their server is down?

In other news, glad to hear that the TM-D700 is about to ship. Something
new to spend my money on!!!

Steve

kc0ezh@arrl.net

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103. [htaprs] Re: Kenwood radios

From: "Paul Knupke, Jr." <pk@ij.net>
Date: Mon, 27 Dec 1999 19:42:35 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56947-1999.12.27-18.58.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've found this is true on most small items. I ordered a $.99 part for
Yaesu a few years ago and it cost me $7.00 to ship it! I should have had
them put it an envelope and mail it USPS to me.

> >Mouser Electronics has them: part number 172-2010, 2.5mm 90 degree angle
> >stereo plug molded onto a 72" shielded black cable. The qty 1 price is
> >$3.96. Or buy 10 like I did and get them for $3.30 ea. Buy a few and
> >make both a long cable for home or car and a short cable for when you
> >carry it on your person.
>

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104. [htaprs] Re: Garmin GPS 12XL

From: Duncan Smith <dds@flavors.com>
Date: Mon, 27 Dec 1999 20:36:11 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: toast@portone.com
Message-ID: <LYR845-56954-1999.12.27-19.51.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Subject: Re: APRS
>From: "James Kalkowski" <toast@portone.com>
>Date: Sun, 26 Dec 1999 16:18:14
...
> ... I was going to buy a Garmin 12 but after
>researching it, I found it requires 8 volts, not 12 volts like most of the
>other Garmins.
...

The Garmin GPS 12XL runs on 12 volts.
                ^^

d
KB1END

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

105. [htaprs] Re: Kenwood radios

From: Jon Ogden <jono@enteract.com>
Date: Mon, 27 Dec 1999 20:54:33 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56959-1999.12.27-21.10.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/26/99 8:43 PM, Ralph at rwf@bsrg.org wrote:

> Be ready to be WAY overcharged for shipping. My shipping was about 3 times
> the price of the cable (which could have been put in an envelope and mailed
> for .50)
>

One must realize something about distributors: They make their money
typically by stocking items and selling in volume to manufacturers. When
you or I call up and want ONE of an item, it costs them the same amount of
money to process that order as it does if you bought 10,000 of them. If
they charged you $3.30 for one piece and 50 cents to ship it, they would go
broke.   Distributors actually hate small orders like this. That's why they
many times have a minimum order charge or if not, then they charge a stiff
handling fee as Ralph notes. It's all to cover the cost of a nuisance order
that costs them a lot of money to process.

I for one am grateful that many of the distys will even sell to a guy
wanting a couple of pieces. I am happy for this and when I need something,
I won't be bothered that I have to pay extra shipping. That's the price we
pay for being able to get our parts and the convenience of them!

73,

Jon
KE9NA

> Eric Horst wrote:
>
>
>> Mouser Electronics has them: part number 172-2010, 2.5mm 90 degree angle
>> stereo plug molded onto a 72" shielded black cable. The qty 1 price is
>> $3.96. Or buy 10 like I did and get them for $3.30 ea. Buy a few and
>> make both a long cable for home or car and a short cable for when you
>> carry it on your person.

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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106. [htaprs] Software Programming the TH-7DA

From: Paul Jacques <PaulJ@minimed.com>
Date: Tue, 28 Dec 1999 15:43:48 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57047-1999.12.28-18.00.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How do you make a PG-4W programming cable for the TH-D7A ? Is it the
same connector as the GPS connector? What is the serial port configuration
of the PC? The beta PC software says that the instruction manual gives cable
wiring info but it doesn't. Has anyone tried the software out yet?

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107. [htaprs] Accessories - What to buy?

From: Ralph Milnes <milnes@openix.com>
Date: Tue, 28 Dec 1999 18:45:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57048-1999.12.28-18.01.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just got a D7A and I'm contemplating which accessories to order. Comments
would be welcome on the following. I plan on using the radio for mobile
comms, but not normally as a car tracker (already got that handled).

	Reason:
* Comet SMA-24 17" antenna	Better reception $23
* Kenwood BT-11 Battery Case	So I can use alkalines in an emergency $18
* Kenwood PG-4W PC Cable	To program radio & use it to feed PC packet

programs $56
* Kenwood SC-47B Softcase   To protect the radio $16
* Kewwood SMC-34 Spkr/Mike   Easier voice comms -- but do I really need it?
$40
* Maha MH-PB-39 1050 mAh batt. 2nd Ni-Cd for when the first dies $60
* Connectworks SB-312   BNC to SMA adapter to hook up other
antennas $10

Any diferences of opinion on any item? Got a better idea? Did you buy
something that you're not really using and would suggest not buying? Let me
know if I'm on the right track or about to waste my money.

I've decided to hold off on the cigarette lighter plug for now -- out of
money; I can use the batteries. (Man, all this really adds up!!!!)

Is a Service Manual worth getting? (Note: I'm not hardware facile.)

Ralph, KC2RLM
Chatham NJ

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108. [htaprs] Re: PC cable for Th-d7a

From: "Lloyd Mitchell" <kd4htw@bellsouth.net>
Date: Tue, 28 Dec 1999 19:09:47 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57051-1999.12.28-18.27.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try this pinout from the PC port I found this on the web at
http://www.qsl.net/n6qab/microaprs.htm

3 conductor plug to TH D7A
Sleeve = gnd
ring = red
tip = wht

DB-9 (female)
Pin 2 = wht
Pin 3 = red
Pin 5 = gnd

Lloyd KD4HTW

----- Original Message -----
From: Paul Jacques <PaulJ@minimed.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Tuesday, December 28, 1999 6:43 PM
Subject: [htaprs] Software Programming the TH-7DA

>
> How do you make a PG-4W programming cable for the TH-D7A ? Is it the
> same connector as the GPS connector? What is the serial port configuration
> of the PC? The beta PC software says that the instruction manual gives
cable
> wiring info but it doesn't. Has anyone tried the software out yet?
>
> ---
> You are currently subscribed to htaprs as: kd4htw@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

109. [htaprs] Re: Software Programming the TH-7DA

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Tue, 28 Dec 1999 18:16:25 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-57053-1999.12.28-18.32.10--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Hi Paul, the manual shows you the wiring from the pc to the
"PC" plug on the side of the D7... The pc side is usual the
DB9 type and only using pins 2, 3, and 5 . On the D7 side,
you use the small stereo plug. Pin 5 from the DB9 goes to
the sleeve, pin 2 of DB9 to tip and pin 3 of DB9 goes to
ring..

Turn on the D7 without the TNC enabled, and then start the
D7 software..
You then tell the software to read the data from the D7..
Now you can minipulate all the memories or whatever.. Works
like a champ.. Nice thing about it, you can save all the
stuff to a file after and have it immediately available in
case of a complete reset of the D7 occurs and you had all
two hundred channels filled up!!!!

73!

Paul Jacques wrote:
>
>   How do you make a PG-4W programming cable for the TH-D7A ? Is it the
> same connector as the GPS connector? What is the serial port configuration
> of the PC? The beta PC software says that the instruction manual gives cable
> wiring info but it doesn't. Has anyone tried the software out yet?
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

110. [htaprs] Re: Accessories - What to buy?

From: Jim Baremore <k5qq@juno.com>
Date: Tue, 28 Dec 1999 19:41:23 MST
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-57065-1999.12.28-20.58.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 28 Dec 1999 18:45:53 -0500 Ralph Milnes <milnes@openix.com>
writes:
> Just got a D7A and I'm contemplating which accessories to order.
> Comments would be welcome on the following.

>   Reason:
> * Comet SMA-24 17" antenna   Better reception $23

They work pretty good, for a whip but it turns out to be a bit of a
nuisance when you are hiking. With the radio on your belt, the whip
keeps hitting under your arm etc.   Some tests we have run seem to
indicate the rubber duck that comes with it works pretty good although
we are out here in NM without any trees to adsorb the signal...

> * Kenwood BT-11 Battery Case   So I can use alkalines in an
> emergency $18

Yes, This is worth doing if you carry it around at all.

> * Kenwood PG-4W PC Cable   To program radio & use it to feed PC
> packet programs $56

No.   You can make it yourself for a $4 cable and a db9 connector.
The software is available at their web site.

> * Kenwood SC-47B Softcase   To protect the radio $16
yes, good idea but it is sometimes hard to see the top of the display
with
it on. But if you are hiking or otherwise using it, it is worth it. In
addition, some users have reported the belt clip will break off the back

of the HT and that clip is part of the battery pack so you have broke
an expensive part... The soft case has a metal battery clip on it and
not only will it not break but it will save you the cost of a battery
pack!!

> * Kewwood SMC-34 Spkr/Mike   Easier voice comms -- but do I
> really need it? $40

A friend of mine gave me a MFJ speaker mike and it's a lot cheaper and
it works great.   Get it...

> * Maha MH-PB-39 1050 mAh batt. 2nd Ni-Cd for when the first dies
> $60

Why?? You have the dry cell pack and you will find that just using it
as an APRS tracker/monitor, the battery lasts a long time. If you talk
a lot on the other side of the radio, then your mileage will vary.

> * Connectworks SB-312   BNC to SMA adapter to hook up other
> antennas $10

I have never been a fan of these as the only other HT antenna I would put
on
it would be one with a SMA connector and if I were going to put a mobile
antenna etc on it, I would get a SMA/BNC cable and avoid the stress on
the
unit. What I use for a mobile antenna is the 1/4 wave Hustler UGM (?)
and
I cut off the BNC and soldered on a SMA. That makes a very nice
travelling
antenna.

> I've decided to hold off on the cigarette lighter plug for now --
Some folks have reported problems with the unit resetting etc and their
problems solved when they used the Kenwood charger plug. I got the $2
battery plug and at the cigarette lighter plug end, put a 300uFd cap
across the wires. No problems with that configuration.

good luck

Jim Baremore   K5QQ

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111. [htaprs] Re: What's up with aprs.net?

From: "Steve Sande" <kc0ezh@arrl.net>
Date: Tue, 28 Dec 1999 22:8:7
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57068-1999.12.28-22.23.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Never mind...it's back up. However, I do have a question about javAPRS. On
very rare occasions I will fire up the ol' TH-D7A, let it work for 30
minutes or so, and then I can pull up one of the US javAPRS maps from
www.aprs.net and see my station listed on there. In case you're wondering,
I prefer to do this rather than cable my TH-D7 to my PC and run WinAPRS.

My question is this - why doesn't this work all the time? I know my packets
are getting out there, since they're repeated back to me. I get APRS
packets from my local internet gate on a regular basis, but it doesn't seem
like my packets are being repeated to the rest of the world over the
internet... I've tried using both RELAY,WIDE and WIDE3-3 (the latter is
what a local APRSer recommended)...

Thanks in advance for any answers you may be able to provide!

Steve

KC0EZH

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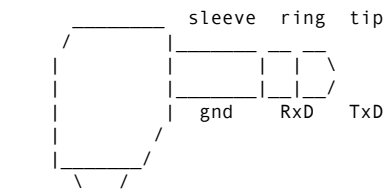
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

112. [htaprs] Re: Software Programming the TH-7DA

From: "Edward A. Behl" <ed@eabehl.com>
Date: Wed, 29 Dec 1999 00:38:58 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-57071-1999.12.28-23.53.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Paul-

According to Pages 52 and 63 of the current TH-D7 manual, the GPS and PC serial ports are identical, though the data rate defaults to 9600 bps for the PC port, and 4800 bps for the GPS port. You'll find wiring instructions on page 52 if you have the new enhanced manual (B62-1004-10 on the front cover). The 2.5mm phone plugs have three conductors; tip, ring, and sleeve, as shown below.



The sleeve is the signal common for the data lines. Tip is transmit data *from* the TH-D7. The Ring conductor is receive data *toward* the TH-D7. On the GPS cable supplied with my TH-D7, the Sleeve contact is connected to the cable shield braid. Tip is connected to a white wire. Ring is connected to a red wire.

To make the equivalent of PG-4W cable, connect the GPS cables as shown in the table below.

Kenwood TH-D7 GPS Cable used for PG-4W Connections

GPS Cable	TH-D7 Signal	Direction	PC Signal	9-Pin	25-Pin
Shield (sleeve)	Ground	<-->	Ground	5	7
Red (ring)	Rx Data	<---	Tx Data	3	2
White (tip)	Tx Data	--->	Rx Data	2	3

One bit of advice -- as you no-doubt have noticed, the GPS cable conductors are made with two strands of copper about the thickness of a human hair (well, not really, but it is a mighty delicate cable). Be sure to allow plenty of strain relief slack in the cable between the PC connector pins and the cable clamp in the connector hood so that the tiny wires aren't easily broken.

As far as the Kenwood MCP-D7 software available on their FTP site, I use it and it works fine, although Kenwood states clearly on the FTP site that the software is a *beta* version. If they have released a final version, it is only available with the CD-ROM included with their PG-4W cable. I can even cut and paste (channel by channel) between the TM-V7 programmer and the TH-D7 programmer. I presume the same would be true between any of the Kenwood transceivers that are PC programmable.

One other note: Although I did not buy one, I have studied the Kenwood PG-4W package, which includes a cable with molded connectors on each end. This cable assembly is MUCH more rugged than the frail GPS cable supplied with the radio. It also is equipped with clamp-around ferrite RF chokes at each end of the cable to trap stray RF traveling between the radio and PC. At $54.95, it's a little (no, on second thought, a lot) steap for a cable alone (and this one contains no electronics), but it does include a CD-ROM with a copy of the MCP-D7 software and a PDF version of the new TH-D7 user manual. (Now, if it included a PDF of the service manual, it would be a great deal!)

I hope this helps.

73 and have a Happy New Year!

Edward A. Behl - KG4ALG

Paul Jacques wrote:
>
>   How do you make a PG-4W programming cable for the TH-D7A ? Is it the
> same connector as the GPS connector? What is the serial port configuration
> of the PC? The beta PC software says that the instruction manual gives cable

> wiring info but it doesn't. Has anyone tried the software out yet?
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

113. [htaprs] Programming the TH-D7A---GOTTA IT!

From: "Paul R. Jacques" <paulj@rain.org>
Date: Tue, 28 Dec 1999 22:32:52 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57084-1999.12.29-00.45.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for all the help gang!!! I had to load the PC program,
Pwr-Off-Pwr-On the D7 then perform a read. Getting rid of the gender
changer and Null Modem I was using probably helped also. The only
problem is now when I connect that cable to my GPS cable, I do have to
use the Null Modem. Thanks again for all the help!!!!!!

73's Paul, WB6IWT

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

114. [htaprs] Re: Accessories - What to buy?

From: GPersons <railfan@flash.net>
Date: Wed, 29 Dec 1999 00:50:20 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57087-1999.12.29-01.05.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:45 PM 12/28/99 -0500, you wrote:
>Just got a D7A and I'm contemplating which accessories to order. Comments
>would be welcome on the following. I plan on using the radio for mobile
>comms, but not normally as a car tracker (already got that handled).
>   Reason:
>* Comet SMA-24 17" antenna   Better reception $23

A good choice. I use a 17" antenna by Pryme and I love it. the only thing
is to make sure it is a wire antenna. I don't have a lot of confidence in
the SMA connector as far a strength is concerned.

>* Kenwood BT-11 Battery Case   So I can use alkalines in an emergency $18
Another good choice. When the nicad poop out you can always go to Rat Shack
and buy alkalines.

>* Kenwood PG-4W PC Cable   To program radio & use it to feed PC packet
>programs $56

Contrary to what a lot of folks on this reflector think I feel this is good
deal. You not only get the cable, which is much better than anything you or
I can build and I have built several, but you also get the "second" manual
which includes a later version of the programming software and a lot of
good information about APRS. Including the INIT file for the THD7A that you
need for APRS+.

>* Kenwood SC-47B Softcase   To protect the radio $16

Don't waste your money. I have two of the soft cases and never use them.
The display is hard to see and I have had trouble punching several buttons
at the same time. Use the belt clips. Or better still, get one of the cool
swivel clips like they use on cell phones.

>* Kewwood SMC-34 Spkr/Mike   Easier voice comms -- but do I really need it?
>$40

Sure, but would recommend the MFJ unit or a headset with a boom mike. The
MFJ unit looks identical to the Kenwood and is cheaper. I have both the
speaker mike and headset and use the headset more. You might not use it
that much but when you need it, nothing can replace it. I use mine at
public service events.

>* Maha MH-PB-39 1050 mAh batt. 2nd Ni-Cd for when the first dies $60

You bet! I have two nicad packs and the dry cell adapter. The dry cell

adapter is OK for emergencies but I believe that it will cause to radio to
put out less power due to less input power.

>* Connectworks SB-312   BNC to SMA adapter to hook up other
>antennas $10

Don't know about that brand but I have picked up several of these jewels at
Hamfest for $2-3.00 each. Get several, they are easily lost.
>
>Any diferences of opinion on any item? Got a better idea? Did you buy
>something that you're not really using and would suggest not buying? Let me
>know if I'm on the right track or about to waste my money.
>
>I've decided to hold off on the cigarette lighter plug for now -- out of
>money; I can use the batteries. (Man, all this really adds up!!!!)

Stay with the Kenwood adapter. It works. When you get the money of course!
>
>Is a Service Manual worth getting? (Note: I'm not hardware facile.)
>
>Ralph, KC2RLM
>Chatham NJ
>
>---
>You are currently subscribed to htaprs as: railfan@flash.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

115. [htaprs] Re: Accessories - What to buy?

From: "Paul Anderson" <vr2yrc@harts.org.hk>
Date: Wed, 29 Dec 1999 17:36:24 +0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57091-1999.12.29-03.49.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I couldn't get the BT-11 battery case to work with my TH-D7.
Has anyone else had this problem ?

Finally I gave up and use a 6 cell generic AA case and the mini DC
case, which is clumsy and ugly but at least it does work.

73
Paul
VR2YRC.

On 29 Dec 99, at 0:50, GPersons wrote:

> At 06:45 PM 12/28/99 -0500, you wrote:
> >Just got a D7A and I'm contemplating which accessories to order.
> >Comments would be welcome on the following. I plan on using the
> >radio for mobile comms, but not normally as a car tracker (already
> >got that handled).
> >   Reason:
> >* Comet SMA-24 17" antenna   Better reception $23
>
> A good choice. I use a 17" antenna by Pryme and I love it. the only
> thing is to make sure it is a wire antenna. I don't have a lot of
> confidence in the SMA connector as far a strength is concerned.
>
> >* Kenwood BT-11 Battery Case   So I can use alkalines in an
> >emergency $18
> Another good choice. When the nicad poop out you can always go to Rat
> Shack and buy alkalines.
>
> >* Kenwood PG-4W PC Cable   To program radio & use it to feed PC
> >packet programs $56
>
> Contrary to what a lot of folks on this reflector think I feel this is
> good deal. You not only get the cable, which is much better than
> anything you or I can build and I have built several, but you also get
> the "second" manual which includes a later version of the programming
> software and a lot of good information about APRS. Including the INIT

> file for the THD7A that you need for APRS+.
>
> >* Kenwood SC-47B Softcase   To protect the radio $16
>
> Don't waste your money. I have two of the soft cases and never use
> them. The display is hard to see and I have had trouble punching
> several buttons at the same time. Use the belt clips. Or better still,
> get one of the cool swivel clips like they use on cell phones.
>
> >* Kewwood SMC-34 Spkr/Mike   Easier voice comms -- but do I really
> >need it? $40
>
> Sure, but would recommend the MFJ unit or a headset with a boom mike.
> The MFJ unit looks identical to the Kenwood and is cheaper. I have
> both the speaker mike and headset and use the headset more. You might
> not use it that much but when you need it, nothing can replace it. I
> use mine at public service events.
>
> >* Maha MH-PB-39 1050 mAh batt. 2nd Ni-Cd for when the first dies $60
>
> You bet! I have two nicad packs and the dry cell adapter. The dry cell
> adapter is OK for emergencies but I believe that it will cause to
> radio to put out less power due to less input power.
>
> >* Connectworks SB-312   BNC to SMA adapter to hook up other
> >antennas $10
>
> Don't know about that brand but I have picked up several of these
> jewels at Hamfest for $2-3.00 each. Get several, they are easily lost.
> > >Any diferences of opinion on any item? Got a better idea? Did you
> buy >something that you're not really using and would suggest not
> buying? Let me >know if I'm on the right track or about to waste my
> money. > >I've decided to hold off on the cigarette lighter plug for
> now -- out of >money; I can use the batteries. (Man, all this really
> adds up!!!!)
>
> Stay with the Kenwood adapter. It works. When you get the money of
> course! > >Is a Service Manual worth getting? (Note: I'm not hardware
> facile.) > >Ralph, KC2RLM >Chatham NJ > >--- >You are currently
> subscribed to htaprs as: railfan@flash.net >To unsubscribe send a
> blank email to leave-htaprs-845T@lists.tapr.org > > >
>
> ---
> You are currently subscribed to htaprs as: vr2yrc@harts.org.hk
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> leave-htaprs-845T@lists.tapr.org
>

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116. [htaprs] TH-D7A

From: Foley Mark A SMSgt WL/MLS-OLR <Mark.Foley@robins.af.mil>
Date: Wed, 29 Dec 1999 14:16:12 -0000
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57098-1999.12.29-08.31.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a setting to prevent the D7 from transmitting (upon power-up and
having Data channel enabled) a position report until it receives
(correct)posistion information from a connected GPS receiver?
Mary, NA4V

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

117. [htaprs] Re: Accessories - What to buy?

From: GPersons <railfan@flash.net>
Date: Wed, 29 Dec 1999 09:41:31 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57106-1999.12.29-09.57.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRS+ has initialization files that sets up the parameters for the TNC you
are using. Check page 42 on the disc. It is under APRS program setup.

Hope this helps!

Gary

at 09:52 AM 12/29/99 -0500, you wrote:
>Gary,
>
>What does the comment below refer to? Sorry about my ignorance, but
couldn't find
>it on the disc from Kenwood.
>
>Thanks and best for the new year,
>
>Howard
>
>GPersons wrote:
><snip>
>
>> Including the INIT file for the THD7A that you need for APRS+.
>
><endsnip>
>--
>Help eradicate Pediatric Brain Tumors
>http://go.to/nerfk
>Join our ride 20 Aug 2000
>
>Howard Hecht   WA1LWD
>P.O. Box 3483
>Milford, CT 06460-0943
>
>Co-Task Force Leader
>New England Ride for Kids
>
>Sportbikers do laps.
>   Cruisers do boulevards.
>   Sport-Tourers do CONTINENTS!
>
>
>
>

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118. [htaprs] Re: TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Wed, 29 Dec 1999 09:52:08 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57108-1999.12.29-10.06.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/29/99 08:16, Foley Mark A SMSgt WL/MLS-OLR at Mark.Foley@robins.af.mil
wrote:

> Is there a setting to prevent the D7 from transmitting (upon power-up and
> having Data channel enabled) a position report until it receives
> (correct)posistion information from a connected GPS receiver?

No and there is good reason for this as explained by Mr. Bruninga.

The 0,0 posit is IGNORED by all versions of the software (and the TH-D7) in
terms of putting you on the map. However, you still show up on the list of
stations heard.

The reason you want this is in situations where you might want to be able to
start passing traffic to someone before his GPS locks up. When transmitting
at power up, everyone knows he is there and on frequency.

The only other way to stop it is to shut the beacon function off before you
shut the radio off. Then you'll have to manuall enable the beacon once your
GPS locks up.

Does it really bother you that much?

73,

Jon
KE9NA

The Second Amendment is NOT about duck hunting!

Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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119. [htaprs] Re: Accessories - what to buy?

From: "Tim Russell" <timruss@home.com>
Date: Wed, 29 Dec 1999 09:58:58 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57112-1999.12.29-10.16.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can't say enough good things about my Diamond antenna - looks like it's
model number SRH519. It's 8 inches long and very thin with an SMA
connector, and it really gets out for such a small antenna! What with the
problems with the Kenwood antenna, I would say this, and maybe a Maha
high-capacity NiMH battery, are the two things you should buy first, and
definitely the antenna first.

Tim, N0ZHY

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120. [htaprs] Overide for auto power off?

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Wed, 29 Dec 1999 14:27:00 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57149-1999.12.29-15.41.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a Palmpilot IIIe, does the APRS program disable the auto power off so the unit keeps running? Or
 is there a way to turn off the APO?

Peter Anderson
Communications Consultants Specialists

121. [htaprs] Re: TH-D7A

From: "Charles R. Schultz" <n2pua@cybrtyme.com>
Date: Wed, 29 Dec 1999 16:17:24 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57161-1999.12.29-16.34.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't know about Mark, but I was always a bit worried that my first
few packets might show me in some random places unrelated to my actual
position, while waiting for my GPS to lock up. This was especially the
case if I'd had the units off, traveled some, then turned 'em on at a
new place, leaving the GPS waking up dazed and confused.

Now, if a 0,0 posit won't plot, that's half the battle. What's my D7
say when it's getting bad info from the GPS, though, and is _that_
plotted? If not, I'll stop worrying, not that it's really all that
important, anyway. I just didn't like sending out (possibly) false
info.

Jon Ogden wrote:
>
> on 12/29/99 08:16, Foley Mark A SMSgt WL/MLS-OLR at Mark.Foley@robins.af.mil

> wrote:
>
> > Is there a setting to prevent the D7 from transmitting (upon power-up and
> > having Data channel enabled) a position report until it receives
> > (correct)posistion information from a connected GPS receiver?
>
> No and there is good reason for this as explained by Mr. Bruninga.
>
> The 0,0 posit is IGNORED by all versions of the software (and the TH-D7) in
> terms of putting you on the map. However, you still show up on the list of
> stations heard.
>
> The reason you want this is in situations where you might want to be able to
> start passing traffic to someone before his GPS locks up. When transmitting
> at power up, everyone knows he is there and on frequency.
>
> The only other way to stop it is to shut the beacon function off before you
> shut the radio off. Then you'll have to manuall enable the beacon once your
> GPS locks up.
>
> Does it really bother you that much?
>
> 73,
>
> Jon
> KE9NA
>
--

Chuck Schultz/   Mailto:n2pua@cybrtyme.com
            /   Home page: http://www.cybrtyme.com/personal/n2pua
Eastaboga /   (Under construction forever!)
Alabama   /   AIM Screen Name: n2pua   ICQ ID Number: 11654121
36260   /   It's not the thing you fling, but the fling, itself!

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122. [htaprs] Re: TH-D7A

From: Jon Ogden <jono@enteract.com>
Date: Wed, 29 Dec 1999 16:43:53 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57165-1999.12.29-16.58.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/29/99 16:17, Charles R. Schultz at n2pua@cybrtyme.com wrote:

> I don't know about Mark, but I was always a bit worried that my first
> few packets might show me in some random places unrelated to my actual
> position, while waiting for my GPS to lock up. This was especially the
> case if I'd had the units off, traveled some, then turned 'em on at a
> new place, leaving the GPS waking up dazed and confused.

When you are using the GPS and first turn your TH-D7A on, it has a
coordinate location of 0,0. This does not show up on any APRS screens
except for perhaps older versions.
>
> Now, if a 0,0 posit won't plot, that's half the battle. What's my D7
> say when it's getting bad info from the GPS, though, and is _that_
> plotted? If not, I'll stop worrying, not that it's really all that
> important, anyway. I just didn't like sending out (possibly) false
> info.

If the HT begins to get bad data from the GPS (only case I can think of is
if the GPS loses lock) the TH-D7A will transmit the LAST good data that it
received as the position. If the TH-D7A is turned off during this time and
turned back on again, it will revert back to the 0,0 coords and wait for the
GPS to re-lock.

If you ever hear the radio giving the beep every 10 seconds, it is waiting
for good GPS data.

73,

Jon
KE9NA

```
---------------------------------------------------------------------------
The Second Amendment is NOT about duck hunting!


Jon Ogden

jono@enteract.com
www.qsl.net/ke9na

"A life lived in fear is a life half lived."


---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
```

123. [htaprs] Re: TH-D7A

```
From: "Mark A. Foley" <na4v@hom.net>
Date: Wed, 29 Dec 1999 17:36:34 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57166-1999.12.29-17.01.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know that WinAPRS plots the 0,0 posit...(found it out when I highlighted
my mobile icon and replayed the track).  It probably isn't a big deal....
Mark,NA4V
-----Original Message-----
From: Charles R. Schultz <n2pua@cybrtyme.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Wednesday, December 29, 1999 5:19 PM
Subject: [htaprs] Re: TH-D7A


>I don't know about Mark, but I was always a bit worried that my first
>few packets might show me in some random places unrelated to my actual
>position, while waiting for my GPS to lock up.  This was especially the
>case if I'd had the units off, traveled some, then turned 'em on at a
>new place, leaving the GPS waking up dazed and confused.
>
>Now, if a 0,0 posit won't plot, that's half the battle.  What's my D7
>say when it's getting bad info from the GPS, though, and is _that_
>plotted?  If not, I'll stop worrying, not that it's really all that
>important, anyway.  I just didn't like sending out (possibly) false
>info.
>
>-----------------------
>
>Jon Ogden wrote:
>>
>> on 12/29/99 08:16, Foley Mark A SMSgt WL/MLS-OLR at
Mark.Foley@robins.af.mil
>> wrote:
>>
>> > Is there a setting to prevent the D7 from transmitting (upon power-up
and
>> > having Data channel enabled) a position report until it receives
>> > (correct)posistion information from a connected GPS receiver?
>>
>> No and there is good reason for this as explained by Mr. Bruninga.
>>
>> The 0,0 posit is IGNORED by all versions of the software (and the TH-D7)
in
>> terms of putting you on the map.  However, you still show up on the list
of
>> stations heard.
>>
>> The reason you want this is in situations where you might want to be able
to
>> start passing traffic to someone before his GPS locks up.  When
transmitting
>> at power up, everyone knows he is there and on frequency.
>>
>> The only other way to stop it is to shut the beacon function off before
you
>> shut the radio off.  Then you'll have to manuall enable the beacon once
your
>> GPS locks up.
>>
>> Does it really bother you that much?
```

>>
>> 73,
>>
>> Jon
>> KE9NA
>>
>--
>---
>Chuck Schultz/   Mailto:n2pua@cybrtyme.com
>   /   Home page: http://www.cybrtyme.com/personal/n2pua
>Eastaboga /   (Under construction forever!)
>Alabama   /   AIM Screen Name: n2pua   ICQ ID Number: 11654121
>36260   /   It's not the thing you fling, but the fling, itself!
>
>---
>You are currently subscribed to htaprs as: na4v@hom.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

124. [htaprs] Re: TH-D7A

From: "Charles R. Schultz" <n2pua@cybrtyme.com>
Date: Wed, 29 Dec 1999 16:57:50 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-57168-1999.12.29-17.13.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the clarification. I've just been playing around a bit, and
am just starting to study the details of why and how this stuff works.
I didn't have any way to conveniently analyze what was being transmitted
during these times. I knew the beeps meant the radio wasn't getting
good info, and wondered what was really going out.

It'd be interesting if there were a way to see how your packet would be
displayed when it's received by the D7, rather than just seeing "my
packet" when you're digipeated.

Thanks again.
Chuck

Jon Ogden wrote:
>
> on 12/29/99 16:17, Charles R. Schultz at n2pua@cybrtyme.com wrote:
>
> > I don't know about Mark, but I was always a bit worried that my first
> > few packets might show me in some random places unrelated to my actual
> > position, while waiting for my GPS to lock up. This was especially the
> > case if I'd had the units off, traveled some, then turned 'em on at a
> > new place, leaving the GPS waking up dazed and confused.
>
> When you are using the GPS and first turn your TH-D7A on, it has a
> coordinate location of 0,0. This does not show up on any APRS screens
> except for perhaps older versions.
> >
> > Now, if a 0,0 posit won't plot, that's half the battle. What's my D7
> > say when it's getting bad info from the GPS, though, and is _that_
> > plotted? If not, I'll stop worrying, not that it's really all that
> > important, anyway. I just didn't like sending out (possibly) false
> > info.
>
> If the HT begins to get bad data from the GPS (only case I can think of is
> if the GPS loses lock) the TH-D7A will transmit the LAST good data that it
> received as the position. If the TH-D7A is turned off during this time and
> turned back on again, it will revert back to the 0,0 coords and wait for the
> GPS to re-lock.
>
> If you ever hear the radio giving the beep every 10 seconds, it is waiting
> for good GPS data.
>
> 73,

>
> Jon
> KE9NA
>
> --
> The Second Amendment is NOT about duck hunting!
>
> Jon Ogden
>
> jono@enteract.com
> www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."

--

Chuck Schultz/   Mailto:n2pua@cybrtyme.com
           /   Home page: http://www.cybrtyme.com/personal/n2pua
Eastaboga /   (Under construction forever!)
Alabama   /   AIM Screen Name: n2pua   ICQ ID Number: 11654121
36260   /   It's not the thing you fling, but the fling, itself!

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

125. [htaprs] Re: TH-D7A

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Wed, 29 Dec 1999 18:05:54 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57186-1999.12.29-20.22.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would not worry about transmitting bad data. It will either be the exact
location of where you are or close to it. That is once it gets a fix.

The way I operate my TH-D7A when I am on foot and not really moving that
much is: I hook up the GPS to the radio and set the radio to NMEA for GPS
input. Once I get a fix, I enter that location into the radio via the POS
key then save that position. Once it is saved, I reprogram the radio to GPS
NOT USED. That way the radio will retransmit that position until you change
it and you do not need to run the GPS anymore.

Works great while in camp in the mountains.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
www.nwaprs.org <http://www.nwaprs.org>

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Jon Ogden
> Sent: Wednesday, December 29, 1999 2:44 PM
> To: TAPR HT APRS Special Interest Group
> Subject: [htaprs] Re: TH-D7A
>
>
> on 12/29/99 16:17, Charles R. Schultz at n2pua@cybrtyme.com wrote:
>
> What's my D7
> > say when it's getting bad info from the GPS, though, and is _that_
> > plotted? If not, I'll stop worrying, not that it's really all that
> > important, anyway. I just didn't like sending out (possibly) false
> > info.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

126. [htaprs] Re: Software Programming the TH-7DA

From: Jon Ogden <jono@enteract.com>
Date: Wed, 29 Dec 1999 22:33:56 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57206-1999.12.29-22.49.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/28/99 11:38 PM, Edward A. Behl at ed@eabehl.com wrote:

> it does include a CD-ROM with a copy of the MCP-D7 software and a PDF
> version of the new TH-D7 user manual

The manual is more than the standard manual that comes with the radio. It
goes into much greater depth about the radio. I've not seen it, but this is
what I have heard it is.

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

127. [htaprs] Re: Overide for auto power off?

From: Jon Ogden <jono@enteract.com>
Date: Wed, 29 Dec 1999 22:36:21 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57207-1999.12.29-22.51.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/29/99 3:27 PM, Peter J Anderson at fire_rescue_ems1@netzero.net wrote:

> I have a Palmpilot IIIe, does the APRS program disable the auto power off so
> the unit keeps running? Or is there a way to turn off the APO?

>From what I know Palm APRS completely takes over the Palm. This includes
the APO functionality.

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

128. [htaprs] Re: What's up with aprs.net?

From: "Lumpy (mobile)" <lumpy@digitalcartography.com>
Date: Thu, 30 Dec 1999 00:08:31 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57211-1999.12.29-23.23.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Steve KC0EZH posted:

> ...a question about javAPRS...fire up the ol'
> TH-D7A, let it work for 30 minutes or so, and
> then I can pull up one of the US javAPRS maps from
> www.aprs.net and see my station listed on there...

> ...why doesn't this work all the time?...

Hi Steve -

Pretty simple answer, really. In Colorado we don't
have a full time internet to aprs gate. The closest
Igates are either WY or NM, neither of which are
normally reachable, except in those instances
when RF conditions are great.

Once in a while an APRS head in CO will connect
to inet for an hour or two, but we don't have
the luxury of a 24/7 gate.

Lumpy ab0gd
--
Temporary Duty Assignment
West Hartford, Connecticut

The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

129. [htaprs] Re: Software Programming the TH-7DA

From: "Edward A. Behl" <ed@eabehl.com>
Date: Thu, 30 Dec 1999 00:21:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-57212-1999.12.29-23.37.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon -

I have not seen the manual contents either. I have heard the same
comments about it as you have; that the electronic version of the TH-D7
manual discusses TNC configuration, and packet and APRS operation in
great detail. Without personally reviewing the manual, I can't really
say much more.

I had no intention of deriding of the PG-4W package in my comments. On
the contrary, irrespective of the e-manual, I pointed out that the cable
alone was much more substantial than the GPS tail supplied with the
radio, and along with integral RF chokes, was more-or-less worthy of the
asking price, especially for those hams that don't particularly enjoy
home-brewing.

Have a Happy New Year, and 73's to all.

--
Edward A. Behl - KG4ALG

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

130. [htaprs] Re: Accessories - What to buy?

From: "Lumpy (mobile)" <lumpy@digitalcartography.com>
Date: Thu, 30 Dec 1999 00:46:57 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57222-1999.12.30-00.01.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ralph KC2RLM posted:

> Just got a D7A and I'm contemplating which accessories to order...

> * Comet SMA-24 17" antenna

Can't comment on the comet, but the stock duck seems to
work pretty well for me. When I travel I used to use
a ladder line jpole in the hotel. But my experiments
seem to point toward the stock duck being just as good.
External vehicle mag mount works better than the duck.
External window clip duck seems worse than the HT
attached duck.

> * Kenwood BT-11 Battery Case

Don't have that either, but I'd certainly recommend it,
obviously great for emergencies.

> * Kenwood PG-4W PC Cable

I built my own cable, but I have a lot of the
tools and parts needed to do it right. The software
is downloadable. I don't have the CD. If I were
trying to decide, I think I'd decide against
the high cost until I thought I needed
more documentation.

> * Kenwood SC-47B Softcase

Highly recommended, although I don't have one yet. As you know,
I dropped my D7A off my bicycle within the first couple
hours of owning it. I showed you the scratches when I was
in NJ. The fall (~12mph to asphalt) didn't hurt the radio
at all, except for cosmetically. Still works just fine.
Surely any case would have helped protect it.

I don't use the belt clip on the battery pack. I removed
it entirely. To carry it, I lock the keyboard and stick
it in my pocket.

> * Kewwood SMC-34 Spkr/Mike

I like mine. I don't know if the MFJ mic has it, but the Ken
mic has programmable remote control buttons on the mic. Makes
it easier to enter button pushes than to use the tiny
rubber buttons on the D7A, for my large fingers.

> * Maha MH-PB-39 1050 mAh batt.

Highly recommended. I always buy a 2nd nicad pack
for any radio. The Maha is nearly twice the
amp capacity of the Ken. And the Maha charger
has adjustable contact points. You can charge
any other rechargable battery.

When the nicad runs out of charge in the D7A, you
will see the radio cycle itself on/off/on forever.
You have to remove the battery to reset it. Carrying
the spare nicad allows you to do that in about
10 seconds and you aren't eating up alkalines.
Quicker, cheaper, maybe even better for the environment.

Tip to save battery life -

If you're running a QTH or mobile station nearby, set
your D7A to low or extra low power and set it's path
to (your local station),WIDE etc. At EL power, the
battery seems to last forever.

> BNC to SMA adapter

I'm an adaptor junkie so I'd say yes. To connect
virtually any external antenna, you'll have to
get away from that SMA on the Kenwood. It seems
fragile, as everyone has noted. A short pigtail
adaptor is probably a safe idea. But a solid SMA
to BNC is what I use because it makes the SMA
easier to screw on to the Kenwood. From that
BNC, I use a pigtail that is BNC to SO239.
I usually use a rubberband (actually an
elastic hair tie) to keep the pigtail
'strain relieved' against the radio case.

> ...cigarette lighter plug...

I have the Kenwood. Works great. If you've discovered
that the cap in parallel works on a non Ken cable,
I think that's a major discovery. We might all be
able to pay less.

--

Generally, I always practice and recommend buying

at least one of the factory versions of the options
you might want, even at higher cost. Then you'll have
one that you KNOW works as designed. Any later experiments
will give you a good 'control' to compare with your variable.

Lumpy ab0gd
--
Temporary Duty Assignment
West Hartford, Connecticut

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

131. [htaprs] Re: Software Programming the TH-7DA

From: Walter Dunckel <walter@radiohound.com>
Date: Wed, 29 Dec 1999 21:59:22 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-57224-1999.12.30-00.09.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those of you interested in the contents of this manual, I have posted the
table of contents at: http://www.radiohound.com/manual.htm

Walter

Jon Ogden wrote:

> on 12/28/99 11:38 PM, Edward A. Behl at ed@eabehl.com wrote:
>
> > it does include a CD-ROM with a copy of the MCP-D7 software and a PDF
> > version of the new TH-D7 user manual
>
> The manual is more than the standard manual that comes with the radio. It
> goes into much greater depth about the radio. I've not seen it, but this is
> what I have heard it is.
>
> 73,
>
> Jon
> KE9NA
>
> --
> -------------------------------------
> Jon Ogden
> KE9NA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

132. [htaprs] Plotting 0,0 posits

From: "Lumpy (mobile)" <lumpy@digitalcartography.com>
Date: Thu, 30 Dec 1999 01:34:18 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57232-1999.12.30-00.49.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon KE9NA write:

> When you are using the GPS and first turn your TH-D7A on, it has a
> coordinate location of 0,0. This does not show up on any APRS screens
> except for perhaps older versions.

I don't know about the newest versions of WinAPRS,
but all the WinAPRS versions I've used show plenty
of stations off the coast of Western Africa on
the Equator.

As others have posted, it's probably not the most
critical problem. Most users would be zoomed into
their local area and not even see Africa. But it
would probably be most technically correct for
all versions to not display 0,0.

The alternative of saving position, changing to
non-GPS mode etc is a lot of keystrokes. It also
requires you to wait a bit and/or verify your
position before you disconnect the GPS.
Otherwise you may be seeing some old data.

Great little HT. I learn something new about
it all the time.

Lumpy ab0gd
--
Temporary Duty Assignment
West Hartford, Connecticut

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

133. [htaprs] Extended Receive in D7A

From: Ralph Milnes <milnes@openix.com>
Date: Thu, 30 Dec 1999 02:21:22 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57236-1999.12.30-01.45.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's probably been mentioned here before, but I'm new to the TH-D7A and
this SIG ....

I stumbled upond the fact that Band A has extended receive (136-173 MHz) in
the main VHF band. I didn't see this mentioned anywhere in the manual. (p.
46 had a clue about the upper range, but not about the lower).

Band B is restricted to 144-147.995 in VHF mode (as far as I can tell).

I was pleasantly surprised to find out abouy the extended receive. It's
nice to have RX on the police and WX frequencies.

I suppose there are a few other undocumented tricks that searching this
SIG's archives will produce. I wonder if the manual on the PG-4W CD has
some more..hmmm.

Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

134. [htaprs] Re: Software Programming the TH-7DA

From: Carl <carl_mail@dr.com>
Date: Thu, 30 Dec 1999 08:43:22 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-57239-1999.12.30-02.45.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> How do you make a PG-4W programming cable for the TH-D7A ? Is it the
> same connector as the GPS connector? What is the serial port configuration
> of the PC? The beta PC software says that the instruction manual gives cable
> wiring info but it doesn't. Has anyone tried the software out yet?

I use the MCP_D7 package which I assume is the same (cable configuration)
as the one you mention? It lets you program the THD7 and also read from
it to save settings to disk.

I didnt fancy soldering those microscopic nylon reenforced wires to a 9way
Dsocket at all!!!

Happily...

I discovered that the moulded 9way D cable for a dead serial mouse contained

four wires - three of them terminate on 2,3 and 5 which is just what
is needed to hook the THD7 to the PC.

If this is the supplied 2.5mm jack plug

```
##
##
##
##
||  A - braid
||
--
||  B - red wire
||
--
||  C - white wire
```

The mouse Dsocket cable was

```
  5 4 3 2 1
  @ @ @ @ @
   @ @ @ @
```

As you look into the 9way socket - the view from the PC if you
like.   2 was white, 3 was orange and 5 was blue. There was a
yellow one but that went to a pin on the bottom row 6-9.

Connect D2 to plugC (white)
Connect D3 to plugB (red)
Connect D5 to plug braid

It works ok, once you remember that there isnt any hardward handshaking
and set it to Xon/Xoff!

Oh and you need a really hot iron to get the solder to run on the supplied
cable. Well i did anyway...

Happy new year.

Bit of a pain but my Psion 3c interfers something horrid with the THD7(E) and
the terminal on the Nokia 9110 doesnt work either as it is (I assume)
hardware handshaking :(

Nice radio tho.

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

135. [htaprs] thd7 use

From: Carl <carl_mail@dr.com>
Date: Thu, 30 Dec 1999 08:43:29 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: carl_mail@dr.com
Message-ID: <LYR845-57241-1999.12.30-02.46.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just upgraded the eprom in my two TINY2 tncs to version 5. (Mark I and
Mark 2 both) so now I have remote access to the tiny two even when its
in GPS mode. This means I can alter car digi path settings from the shack, or
using a small psion palmtop, from the THD7 when Im out and about. Nice
touch.

I find the ptt on the THD requires a white knuckle kind of pressure...
is this a feature peculiar to my onw only?

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

136. [htaprs] Re: Accessories - What to buy?

From: Carl <carl_mail@dr.com>
Date: Thu, 30 Dec 1999 08:43:24 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-57242-1999.12.30-02.46.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> * Kenwood PG-4W PC Cable To program radio & use it to feed PC packet
> programs $56

OUCH 56 dollars for a serial lead!!! No wonder the one they supply is a PITA
to solder :)

> I've decided to hold off on the cigarette lighter plug for now -- out of
> money; I can use the batteries. (Man, all this really adds up!!!!)

So do batteries.... I gather decent filtering and regulation is essential
if you want to feed an external supply. Not a very Kenwood discovery that,
given the radio is designed to work in moving mobile situations.... if you
think about it..

> Is a Service Manual worth getting? (Note: I'm not hardware facile.)

Does it come with a magnifying glass?? :)

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

137. [htaprs] Re: Accessories - What to buy?

From: Carl <carl_mail@dr.com>
Date: Thu, 30 Dec 1999 08:43:27 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: carl_mail@dr.com, htaprs@lists.tapr.org
Message-ID: <LYR845-57240-1999.12.30-02.45.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > I've decided to hold off on the cigarette lighter plug for now --
> Some folks have reported problems with the unit resetting etc and their
> problems solved when they used the Kenwood charger plug. I got the $2
> battery plug and at the cigarette lighter plug end, put a 300uFd cap
> across the wires. No problems with that configuration.

Simple as that? Worth trying certainly. I was contemplating dropping
the voltage from the vehicles 13.8 as well perhaps with a diode or two
just to reduce the heating effect. Ive never had a radio manual tell
me that the radio will cut out after ten minutes on TX before... and
the official duty cycle is 1:3 I think? Still since it isnt a DIGI
I guess that leaves lots of space.

Mind you my alinco dj580e gets so hot when Im nattering in the car
I can't touch it :)

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

138. [htaprs] Re: Plotting 0,0 posits

From: "Mark A. Foley" <na4v@hom.net>
Date: Thu, 30 Dec 1999 06:07:50 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57247-1999.12.30-05.33.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Lumpy for your post...beginning to think no one believed me about the
0,0 posits and WinAPRS...as you stated, it is not a major problem...mostly a
nuisance. It is true you can prevent the occurrence before you shut
down...but still, a tnc command that would prevent the transmitting of a 0,0
would be nice or for WinAPRS to ignore the posit(probably be an easier fix).
I wonder if the D700 behaves the same way....?
Mark, NA4V
-----Original Message-----
From: Lumpy (mobile) <lumpy@digitalcartography.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Date: Thursday, December 30, 1999 1:35 AM
Subject: [htaprs] Plotting 0,0 posits

>Jon KE9NA write:
>
>> When you are using the GPS and first turn your TH-D7A on, it has a
>> coordinate location of 0,0. This does not show up on any APRS screens
>> except for perhaps older versions.
>
>I don't know about the newest versions of WinAPRS,
>but all the WinAPRS versions I've used show plenty
>of stations off the coast of Western Africa on
>the Equator.
>
>As others have posted, it's probably not the most
>critical problem. Most users would be zoomed into
>their local area and not even see Africa. But it
>would probably be most technically correct for
>all versions to not display 0,0.
>
>The alternative of saving position, changing to
>non-GPS mode etc is a lot of keystrokes. It also
>requires you to wait a bit and/or verify your
>position before you disconnect the GPS.
>Otherwise you may be seeing some old data.
>
>Great little HT. I learn something new about
>it all the time.
>
>Lumpy ab0gd
>--
>Temporary Duty Assignment
>West Hartford, Connecticut
>
>The Very Unofficial Colorado APRS Page
>http://www.digitalcartography.com
>
>---
>You are currently subscribed to htaprs as: na4v@hom.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

139. [htaprs] Re: Plotting 0,0 posits

From: Jon Ogden <jono@enteract.com>
Date: Thu, 30 Dec 1999 06:58:12 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57250-1999.12.30-07.13.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/30/99 12:34 AM, Lumpy (mobile) at lumpy@digitalcartography.com wrote:

> As others have posted, it's probably not the most
> critical problem. Most users would be zoomed into
> their local area and not even see Africa. But it
> would probably be most technically correct for
> all versions to not display 0,0.

According to Mr. Bruninga ignoring the 0,0 posit is one of the "standards"
in the protocol that all programs should adhere too.

  I've not checked my MacAPRS version for a long time as I normally don't

even look out at the APRS activity in Africa. It does ignore the 0,0 posit
in terms or creating your track and everything but it still plots it.

I've sent messages to the Sproul's in the past and this one is going there
too. Seems like it would be an easy change to make.

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

140. [htaprs] Re: Extended Receive in D7A

From: "Edward A. Behl" <ed@eabehl.com>
Date: Thu, 30 Dec 1999 10:09:00 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-57263-1999.12.30-09.24.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ralph -

Extended Receive is a standard feature on the A band as far as I can
tell. But it gets better than that. The A band also covers the AM
aircraft range as well. Just switch to VFO, press the F key followed by
the A/B key (this is the BAND secondary function) and you switch to
118-135MHz. Then press the F key again and scroll through the menu to
find FM/AM option and set it to AM and your set. (This setting affects
only the lower aircraft band setting of the A side) As with the mobiles,
AM reception is indicated with an underscore in place of the decimal
point on the frequency display.

I don't know why the B band is restricted to ham bands while the A side
receiver can cover the whole high VHF band. In UHF mode, the B side also
covers 410-469, limited by the programmable VFO setting. I presume the
unit would have to get the MARS or wideband TX mods to open this range
up.

73's

--
Edward A. Behl - KG4ALG

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

141. [htaprs] tip

From: Carl <carl_mail@dr.com>
Date: Thu, 30 Dec 1999 19:02:29 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: carl_mail@dr.com
Message-ID: <LYR845-57274-1999.12.30-13.04.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The label feature on the THD has a novel use - in the UK
nine CTCSS frequencies are used A thru J (no I). The repeaters
send the letter - but not the actual value.

So memories 91-99 are now
A 67.1
B 71.9
C 77.0
D 82.5

E 88.5
F 94.8
G 103.5
H 110.9
J 118.8

Now then....it says 67.1 in the RSGB call book, but 67.0 on the rig
and software??? Which is correct?

Carl gw0tqm
=
gw0tqm@iname.com

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142. [htaprs] Re: Plotting 0,0 posits

From: Carl <carl_mail@dr.com>
Date: Thu, 30 Dec 1999 19:02:26 GMT
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-57275-1999.12.30-13.05.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> According to Mr. Bruninga ignoring the 0,0 posit is one of the "standards"
> in the protocol that all programs should adhere too.

The v5 tiny2 GPS mode can be configured to look at the length of the GPS
string and no tx it, if it is too short (0's instead of lat and long making
quite a significant shortening).

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

143. [htaprs] FCC Flash!!! License Restructuring

From: Clifford Uyeda <cuyeda@ix.netcom.com>
Date: Thu, 30 Dec 1999 11:44:09 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57287-1999.12.30-14.00.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check out the CQ Magazine web page for more details!

http://news.cq-amateur-radio.com/news.htm

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

144. [htaprs] Re: FCC Flash!!! License Restructuring

From: Jon Ogden <jono@enteract.com>
Date: Thu, 30 Dec 1999 15:12:55 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57307-1999.12.30-15.28.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/30/99 1:44 PM, Clifford Uyeda at cuyeda@ix.netcom.com wrote:

> Check out the CQ Magazine web page for more details!
>
> http://news.cq-amateur-radio.com/news.htm

This should pretty much end the "code/no-code" debate, IMHO! 5 WPM is a
good compromise.

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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145. [htaprs] Re: FCC Flash!!! License Restructuring

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Thu, 30 Dec 1999 16:18:30 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57308-1999.12.30-15.36.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HOLEY MOLEY!

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146. [htaprs] Flashing Display

From: Paul Jacques <PaulJ@minimed.com>
Date: Thu, 30 Dec 1999 13:24:06 -0800
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57309-1999.12.30-15.40.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
        When the battery is low and the display flashes, how do you turn the
radio off? The power switch and every other button doesn't work. I had to
plug the radio into a charger to stop the flashing and turn the radio off.
If I am not near a charger next time, should I remove the battery or will
that reset everything after a period of time?

Paul, WB6IWT

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147. [htaprs] IT'S HERE!!!!!!!!

From: Jon Ogden <jono@enteract.com>
Date: Thu, 30 Dec 1999 15:27:47 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57310-1999.12.30-15.44.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, The little brown truck just dropped off my TM-D700.

Gotta go play.........

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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148. [htaprs] Re: Flashing Display

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Thu, 30 Dec 1999 15:34:10 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-57312-1999.12.30-15.49.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Do the same we all do I guess, ;-)... Just unplug the
battery, no harm as yet... But then you have two pieces of
dead weight to carry around unless you are at home.. If you
have the second battery, swap em out...

73!

Robbie

Paul Jacques wrote:
>
> Hi,
>   When the battery is low and the display flashes, how do you turn the
> radio off? The power switch and every other button doesn't work. I had to
> plug the radio into a charger to stop the flashing and turn the radio off.
> If I am not near a charger next time, should I remove the battery or will
> that reset everything after a period of time?
>
> Paul, WB6IWT
>
> ---
> You are currently subscribed to htaprs as: mwrobertson@mediaone.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

--

   Are we having fun yet?
    73 - Robbie - WA9INF
******* --... ...-- *******

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

149. [htaprs] Re: FCC Flash!!! License Restructuring

From: "Lloyd Mitchell" <kd4htw@bellsouth.net>
Date: Thu, 30 Dec 1999 16:39:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57313-1999.12.30-15.57.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Woah nelly!! This is a complete surprize I'm sure .....but boy does it make
sense YES Thanks FCC..good job!!!

Lloyd KD4HTW (I am now going to get a 5WPM study program from the net)
bye.........

----- Original Message -----
From: Jon Ogden <jono@enteract.com>
To: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Sent: Thursday, December 30, 1999 4:12 PM
Subject: [htaprs] Re: FCC Flash!!! License Restructuring

> on 12/30/99 1:44 PM, Clifford Uyeda at cuyeda@ix.netcom.com wrote:
>
> > Check out the CQ Magazine web page for more details!
> >
> > http://news.cq-amateur-radio.com/news.htm
>
> This should pretty much end the "code/no-code" debate, IMHO! 5 WPM is a
> good compromise.
>
> 73,
>
> Jon
> KE9NA

>
> --
> ------------------------------------
> Jon Ogden
> KE9NA
>
> http://www.qsl.net/ke9na
>
>
> "A life lived in fear is a life half lived."
>
>
> ---
> You are currently subscribed to htaprs as: kd4htw@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

150. [htaprs] TM-D700

From: Jon Ogden <jono@enteract.com>
Date: Thu, 30 Dec 1999 16:15:29 -0600
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57326-1999.12.30-16.30.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WOW!

What a nice radio. It's pretty cool but there sure is a lot to it! YIKES!
One squimry feeling I got is that they have a note in the manual that
replacement control heads are not available. So be careful with those
control heads!

I am just going to have to sit and read the manual to figure everything out.
But the operation is fairly straightforward. Many, many more options than
the TH-D7A. And for those of you who were annoyed by capital letters being
first on the TH-D7A when doing messages, the TM-D700A uses lowercase letters
first!

Other than a hard swallow when I saw the final price tag I am quite pleased
with the rig so far.

The final drawback is that the mic cable that comes with the radio is
probably too short to allow me to mount the radio under the passenger seat
in the car w/o extending it. It's not all that long. Also, the microphone
is designed to hang on a hook instead of having a button on the back to
slide it into a mount. Now I am going to have to figure a new way to hang
the mic! Oh well..... It's a BIG mic as well.

Anyhow....so far so good!

73,

Jon
KE9NA

--

Jon Ogden
KE9NA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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151. [htaprs] Re: TM-D700

From: Carl <carl_mail@dr.com>
Date: Fri, 31 Dec 1999 02:44:07 GMT

To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-57358-1999.12.30-20.46.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> What a nice radio. It's pretty cool but there sure is a lot to it! YIKES!
> One squimry feeling I got is that they have a note in the manual that
> replacement control heads are not available. So be careful with those
> control heads!

A millennium prediction.

In five years we will all buy exactly the same radio - and the nice man
in the shop will just deactivate the bits we dont want before we
hand our money over....   you want a 2m SSTV handi with qrp 80m CW
and wideband FM receive....buzz buzzz you got it...

Happy New Year..

Carl gw0tqm
carl_mail@dr.com
gw0tqm@iname.com

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152. [htaprs] Re: TM-D700

From: "James Kalkowski" <toast@portone.com>
Date: Thu, 30 Dec 1999 21:28:25
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57363-1999.12.30-21.44.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, I am jealous now. LOL

I ordered from Burghardt... read about their price
here.   I called them today and they do not even have them
in yet. I guess I have to learn to be patient.

Kenwood did update their web site and it now includes the
TM-D700A.

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153. [htaprs] Re: TM-D700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 30 Dec 1999 23:16:38 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>
Message-ID: <LYR845-57366-1999.12.30-22.36.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 30 Dec 1999, Jon Ogden wrote:

> What a nice radio. It's pretty cool but there sure is a lot to it! YIKES!
> One squimry feeling I got is that they have a note in the manual that
> replacement control heads are not available. So be careful with those
> control heads!

Yep, I specifically asked for separate pricing on control heads and
radios. But answer was no. Next I was going to suggest reverse
engineering the control head serial stream, but probably isnt necessary.
SInce you can do everything from the serial control port anyway... right?

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154. [htaprs] Pic needed for Kenwood TMV700

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 30 Dec 1999 23:59:07 -0500 (EST)
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org, TAPR APRS Special Interest Group <aprssig@tapr.org>
Message-ID: <LYR845-57371-1999.12.30-23.15.28--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

The most popular accessory for the new Knewoood mobile APRS radio will be
a KEYBOARD. This is easy to do with a PIC processor and a DTMF encoder.
Just program the PIC to convert the ASCII keyboard characters into the
needed DTMF tones to emulate what the Microphone TTpad does during
alphabetic text entry!

In other words, the letter "A" will be the DTMF "2", and letter "B" will
be two of them, and "C" will be "2 2 2" etc...

It wont be perfect, but it will be an easy external device to build.
I hope someone on this SIG will take this up. THe PIC should take a
normal PS2 keyboard and output DTMF tones. Since the Pic-E already has 8
pin RJ jacks, then it can simply be inserted inbetween the Mic and the
radio to do its thing...

Bob

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155. [htaprs] Happy New Year

From: "Peter J Anderson" <fire_rescue_ems1@netzero.net>
Date: Thu, 30 Dec 1999 19:00:02 -0700
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57373-1999.12.30-23.48.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just wishing everyone a Happy Y2K and Keep your fingers crossed!

Peter Anderson
Communications Consultants Specialists

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

156. [htaprs] Re: Happy New Year

From: "Dave VanHorn" <dvanhorn@cedar.net>
Date: Fri, 31 Dec 1999 00:58:53 -0500
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57394-1999.12.31-00.18.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Just wishing everyone a Happy Y2K and Keep your fingers crossed!

My car battery just blew a cell. I think it's the beginning of the end.
Soon, air will turn to lime jello.
 :)

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